

RESEARCH TOOLS

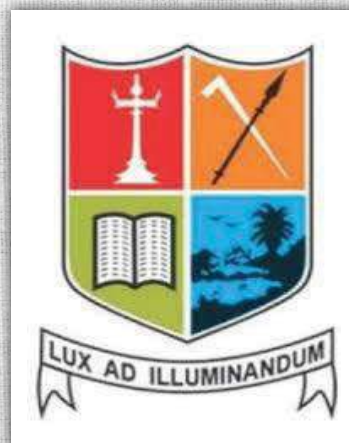
M.Ed. 2018-2020

CHIEF EDITOR

Dr. T.M. MOLLYKUTTY

EDITOR

Ms. ANEETA GEORGE



**St. Thomas College of Teacher Education, Pala,
Kottayam, Kerala – 686575**

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CONTENTS

Sl. No.	Name of the Student	Name of the Tool	Page No.
1.	Somiya T K	Achievement Test in Biology	1-5
2.	Subi Mariya Zacharia	Interview Schedule for The Headmaster	6-9
3.	Subi Mariya Zacharia	Questionnaire on Participation of Students in Vegetable Gardening	10-12
4.	Riya Roy	Geometrical Skills Test	13-20
5.	Bincy Antony	Test on Vocational Skill in Banking	21-27
6.	Bincy Antony	Inventory on Interest in Commerce	28-36
7.	Bincy Antony	Scale on Attitude Towards Commerce	37-43
8.	Maria Mathew	Achievement Test in Mathematics	44-50
9.	Pushpa George	Labelling Information Awareness Test'	51-58
10.	Pushpa George	Scale on Consumer Behaviour	59-71
11.	Chrisy Jose	Test on Scientific Temper	72-78
12.	Bincy A M	Test on Scientific Obsevation	79-89

13.	Aparna Muralidharan	Test on Competency in Mother Tongue	90-99
14.	Aparna Muralidharan	Test on Vocabulary Acquisition in English	100-105
15.	Selva Pramila L	Questionnaire on Advertisements	106-115
16.	Selva Pramila L	Vocabulary Acquisition Test	116-123
17.	Sheeja Jose	Creative Expression Test in Malayalam Language	124-128

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

ACHIEVEMENT TEST IN BIOLOGY

Supervisor: Dr.T.M Mollykutty

Investigator: Somiya T.K

Maximum marks: 15

Maximum Time: 45mints

QUESTIONS

Choose the correct answer from the bracket (Each question carries one mark)

1. Exercise is often described as training and should include
 - A. Exertion of the lungs
 - B. Exertion of the heart
 - C. All of the above

2. Exercise has been proven to:
 - A. Increase bone mass
 - B. Reduce the risk of diabetes
 - C. All of the above

3. Good health is
 - A. Living a proper life style
 - B. Preventing obesity
 - C. Achieving a balance of physical, spiritual, emotional, intellectual, and physical health

4. Which muscle performs the antagonist movement when you straighten your arm?
- A. Biceps B. Triceps C. Quadriceps
5. Which of the following is a function of the skeletal system?
- A. Secretion and absorption
- B. Contraction
- C. Communication
6. Which of these is NOT a job of the Muscular system?
- A. Movement B. Strength C. Making blood cells
7. How do muscles attached to the bones move the body?
- A. Automatically
- B. Pull movement only
- C. Push movement only
8. Which type of bone break most often leads to death in people over 65?
- A. Skull fracture B. Hip fracture C. Spine fracture
9. The reason why people have joint pain in old age is because
- A. The bones become weak.
- B. The bones become too strong
- C. The chondrocytes in articular cartilage become lesser in number
10. How many bones does an adult human skeleton have?
- A. 206 B. 209 C. 205
11. What tasks would be difficult if your knee joints did not work?
- A. Running B. Throwing C. Writing

12. Which is the function of steroids?
- A. Increase energy production in muscles
 - B. Locomotion
 - C. Transportation
13. Which of these activities could cause a broken bone in someone with osteoporosis?
- A. Coughing
 - B. Lifting
 - C. All of the above
14. Name the term which defines the plant movement by touch?
- A. Seismonast
 - B. Thigmonasty
 - C. Nyctinasty
15. Which movement is dependent on the external stimulus?
- A. Tropic
 - B. Ciliary
 - C. Locomotary

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Supervisor: Dr.T.M Mollykutty

Investigator: Somiya T.K

ACHIEVEMENT TEST IN BIOLOGY
SCORING KEY

Sl.No.	Correct Response
1.	C
2.	C
3.	C
4.	B
5.	B
6.	C
7.	B
8.	B
9.	C
10.	A
11.	A
12.	A
13.	C
14.	B
15.	A

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Supervisor: Dr.T.M Mollykutty

Investigator: Somiya T.K

RESPONSE SHEET

Please Tick the right answer

Sl.No.	Response
1	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
2	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
3	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
4	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
5	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
6	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
7	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
8	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
9	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
10	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
11	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
12	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
13	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
14	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C
15	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C

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INTERVIEW SCHEDULE FOR THE HEADMASTER

Supervisor: Dr. T. M. Mollykutty

Investigator: Subi Mariya Zacharia

Sl. No.	Questions	Response
1	What was the response of students, parents and teachers towards the idea of vegetable garden?	
2	Which are the main vegetables cultivating in the school?	
3	From where did you collect seeds?	
4	Do you plant vegetables only in grow bags?	
5	Have you used any other area besides terrace for cultivation?	
6	Do you strictly follow organic method of cultivation in school?	
7	Do you utilize organic waste from the school for cultivation?	
8	Do you prepare seeds for the next cultivation from your garden itself?	
9	In which climate did you face the most difficulty in farming?	
10	Do you use same fertilizers for all vegetables?	
11	How do you look after the farm during holidays?	

12	Do you experiment any new methods of cultivation other than traditional methods?	
13	Do you sell vegetables in the market?	
14	Do you re invest the income from selling of vegetables from the farming itself?	
15	Does the farming in the school increases the student's attitude for agriculture?	
16	Does the student engage in farming at their homes?	
17	Is the teachers visit the kitchen gardens made by the students in their home?	
18	Is there any incentives given to your farmers?	
19	Do the students tend the plants during the school hours?	
20	Are the teachers available all the time in the garden to direct the students?	
21	Are the vegetables from the school garden used for noon day meals?	
22	Does the agricultural officer visit your vegetable garden?	
23	Does the public get a chance to visit the vegetable garden in the school?	
24	What was the inspiration behind the terrace farming?	
25	In which month does the cultivation start?	
26	How many times do you make terrace cultivation in a year?	
27	Why did you select orange for cultivation?	

28	Have you taken any measures for preventing extreme heat on the terrace?	
29	Is there any other special arrangement for controlling pests?	
30	Which are the various awards received by the school from the Kerala state government?	
31	Does the student get encouragement from their teachers for making kitchen gardens?	
32	How much time do the students spend in the vegetable garden?	
33	Does the student keep notes on their experiences of farming in school?	
34	Are the teachers in charge of farming get any incentives?	
35	Do you get instructions from krishibhavan?	
36	How did you get support from the P.T.A members of the school?	
37	Did you arrange any training programs for adults in terrace farming?	
38	What are the things that you have to take into consideration while selecting the seeds?	
39	What were the precautions taken for the safety of the concrete roof while watering plants?	
40	Do you conduct soil test before cultivation?	
41	The cultivation of sesame, black grams are very rare in Kerala. Why did you select these crops?	
42	What is the inspiration behind the idea of nakshathravanam?	

43	What were the difficulties you faced in terrace farming?	
44	Do you arrange seminars and classes on organic farming for students?	
45	Do you specially congratulate the young farmers?	
46	Do you share the prizes with the young farmers?	
47	How do you select the young farmers?	
48	How many students are engaged in farming?	
49	How did you raise funds for farming?	
50	Did any other schools or organizations make such vegetable gardens inspired by your enterprise?	

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
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PALA KOTTAYAM, KERALA – 686575**

**QUESTIONNAIRE ON PARTICIPATION OF STUDENTS IN
VEGETABLE GARDENING**

Supervisor: Dr. T. M. Mollykutty

Investigator: Subi Mariya Zacharia

Sl No	Questions	Yes	No
1.	Do you participate in planting vegetable?		
2.	Do you prepare seeds in schools?		
3.	Do you use Genetically modified seeds for farming?		
4.	Do you get seeds on time?		
5.	Do you use vermi compost in farming?		
6.	Do you maintain nutritional supplement toplants?		
7.	Did you have rain water harvesting techniques in school?		
8.	Do you participate in watering plants?		
9.	Do you have necessary tools available in the schools?		
10.	Did you use any leguminous plants as green manures?		

11.	Do you use pesticides in farming?		
12.	Do you participate in preparing organic pesticides?		
13.	Did you use bio fertilizers in farming?		
14.	Do you participate in preparing manure?		
15.	Do you practice integrated farming in school?		
16.	Is there any storage place for vegetables?		
17.	Did you use any cultural practices for controlling pest?		
18.	Have you heard about sustainable agricultural production expression?		
19.	Do you have any previous knowledge in planting vegetables?		
20.	Are you engaged farming activities daily?		
21.	Are you happy to do farming?		
22.	Do you have vegetable garden at home?		
23.	Do you cultivate native species of plants?		
24.	Do you cultivate domestic species of plants?		
25.	Do you participate in the cultivation of commercial crops?		
26.	Are you aware of the importance of practicing organic farming?		
27.	Are you practicing drip irrigation system in		

	farming?		
28.	Are you aware about the organic hormones used for including crop growth?		
29.	Do you spend more than one hour for farming per day?		
30.	Do you sell your products in markets?		
31.	Did farming helps you to develop a passion for vegetable gardening?		
32.	Does the farming help you increase your empathy, team work and sense of responsibility?		
33.	Do you miss your classes while farming?		
34.	Did you get instructions from headmaster and teachers?		
35.	Did the teachers often visit your vegetable garden at home?		
36.	Do you feel any difficulties in farming?		
37.	Do you get enough instruction from Krishi Bhavan?		
38.	Does the agricultural officer visit the farm?		
39.	Does the P.T.A member show their cooperation while farming?		
40.	Whether the people from outside get a chance to visit farm?		

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GEOMETRICAL SKILLS TEST

Supervisor: Dr. Anju K Paul

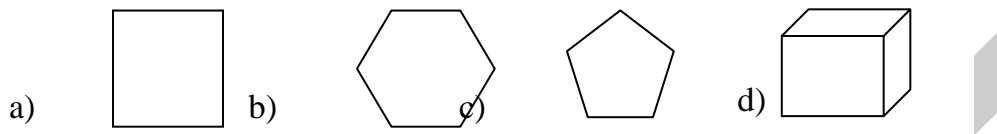
Investigator: Riya Roy

Instructions

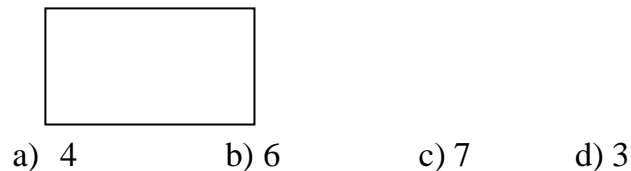
- Do not write anything in the question paper
- Read the questions carefully and write selected option (a/b/c/d) denoting the correct answer.
- Each question carries one mark.
- All questions must be answered.

QUESTIONS

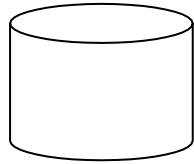
1. Which of the following is the least angled image?



2. How many angles are there in the image below?



3. What is the shape of the plain in the image below?



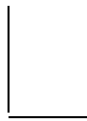
- Circle b) Triangle c) Square d) Rectangle

4. Which of the following are lines parallel to each other?

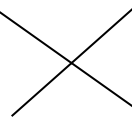
a)



b)



c)



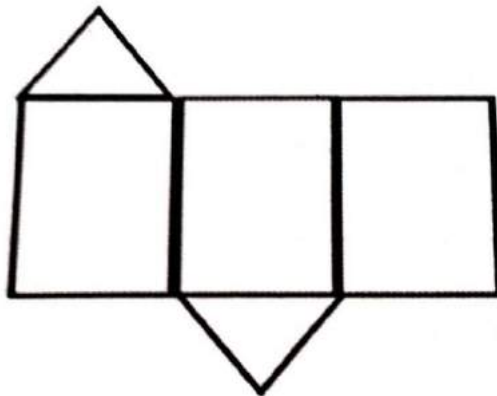
d)



5. Which of the following is not a characteristic of a square?

- a) All sides are equal
- b) All angles are equal
- c) All angles are right angled
- d) Opposite sides not equal

6. Below a picture of column open. What shape can this be made of?

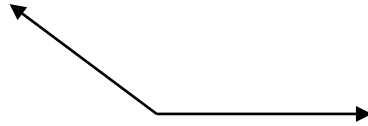


- a) Triangular prism b) circle c) cylinder d) cube

7. $\pi = \dots\dots\dots$

- a) 2.86 b) 3.14 c) 3.86 d) 2.14

8. Find the image below?



- a) Obtuse Angle b) Acute Angle c) Right Angle d) None

9. Which of the following is a quadrilateral with 4 sides and opposite sides are parallel?

- a) Pentagon b) Heptagon c) Parallelogram d) Triangle

10. ABCD is a square and P is a point on the side of the CD. What is the position of P for ABP to be the angle?

- a) B b) C c) A d) D

11. Write based on the number of angles?

- a) Triangle, Octagon, Heptagon, Pentagon
b) Triangle, Pentagon, Heptagon, Octagon
c) Triangle, Heptagon, Pentagon, Octagon
d) Triangle, Octagon, Pentagon, Heptagon

12. How many faces are there in a dice?

- a) 6 b) 4 c) 3 d) 12

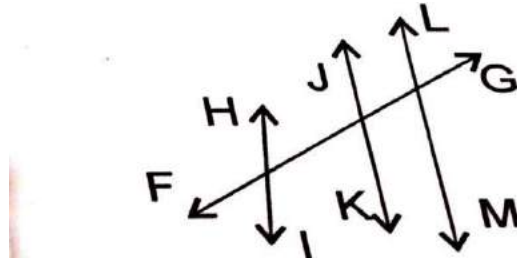
13. What is the shape of the shadow of the pyramid?

- a) Circle b) Square c) Triangle d) Rectangle

14.and..... are need to find the area of the triangle

- a) Length ,Breadth b) Length ,Height c) Height, Height d) Length, Length

15. Which are interested in parallel?



- a) FG,HI b) HI,JK c) JK,LM d) LM,FG

16. In the figure below M and N are parallel $\angle A = 100^\circ$ than $\angle E$?



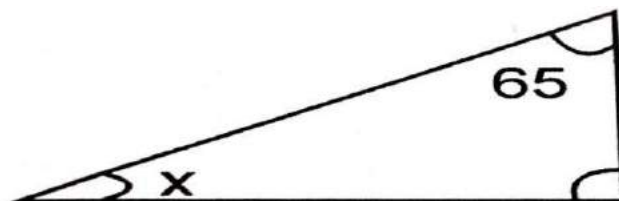
- a) 80 b) 100 c) 110 d) 140

17. Athira is a three dimensional figure made of wood that is round like a ball. If sowhat is the form of Athira?

- a) Cylinder b) Cube c) Sphere d)Triangular Prism

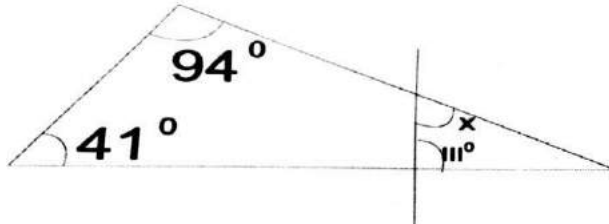
18. The internal angle of a polygon is 120° . How many sides does a polygon have?a) 5 b) 6 c) 3 d) 4

19. Alex made a box whose shape is a triangle. What is the size of the third angle?



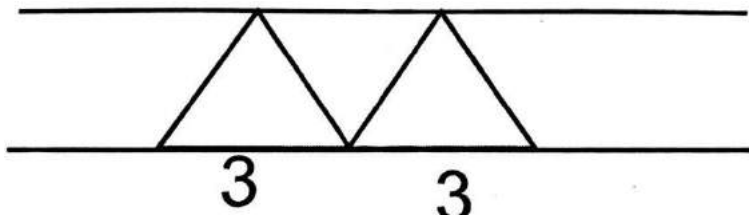
- a) 25 b) 30 c) 65 d) 115

20. What is the value of 'x' in the figure?



- a) 24 b) 55 c) 48 d) 36

21. What is the relationship between the planes of the triangles in the figure?

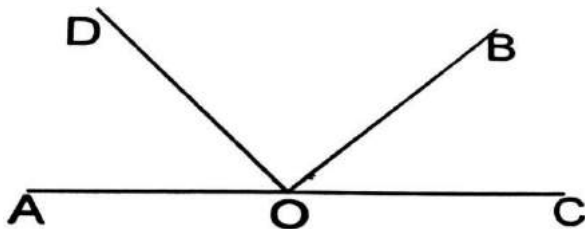


- a) Parallel b) Equal c) Not Equal d) Congruent

22. Imagine the letter M which is the new letter obtained by turning in 180° direction?

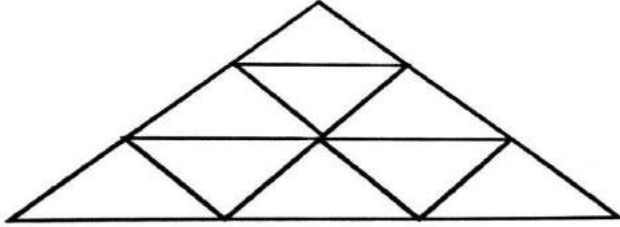
- a) E b) W c) M d) S

23. $\angle AOB = 132^\circ$ & $\angle COD = 141^\circ$, $\angle DOB = ?$



- a) 93 b) 48 c) 46 d) 90

24. How many triangles in the picture?



- a) 13 b) 18 c) 12 d) 9

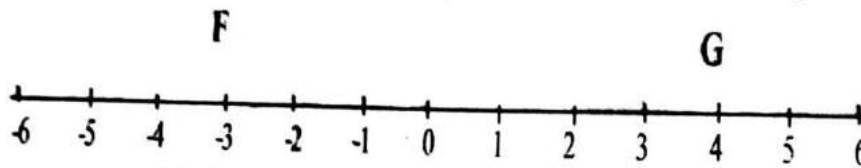
25. The radiant length of the square is 12 c.m if so what is the area?

- a) 36cm^2 b) 72cm^2 c) 144cm^2 d) 288cm^2

26. What is the radius if the diameter of a circle is 10?

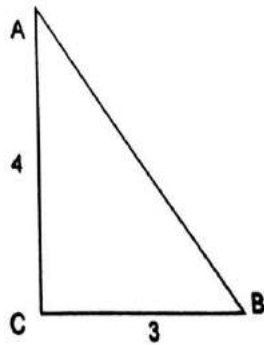
- a) 20 c.m b) 10 c.m c) 5 c.m d) 2 c.m

27. Find the length of the FG in the number line below?



- a) 6 b) 7 c) 4 d) 6

28. What is the length of AB?



- a) 2 b) 4 c) 5 d) 6

29. What is the circumference if the sides of the right triangle are 'a'?

- a) $a+a+2a$ b) $3a$ c) a d) $2a$

30. What is the center angle of a circle?

- a) 60 b) 180 c) 90 d) 36

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KOTTAYAM, KERALA-686575

GEOMETRICAL SKILLS TEST
SCORING KEY

Supervised By: Dr. Anju. K.Paul

Prepared By: Riya Roy

1	A
2	A
3	A
4	A
5	A
6	D
7	A
8	D
9	A
10	D
11	A
12	B
13	A
14	C
15	C

16	C
17	C
18	A
19	C
20	C
21	C
22	B
23	A
24	C
25	A
26	A
27	A
28	C
29	A
30	A

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
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TEST ON VOCATIONAL SKILL IN BANKING

Supervisor: Anju K Paul

Investigator: Bincy Antony

Maximum Mark: 24

Maximum Time: 25 minutes

Instructions

- Read each questions carefully
- Put a tick mark only one response to a question
- Your responses will be kept confidential and will be used only for research purposes

Questions

1. Whose signature does the Indian currency bear?
a) Finance minister b) Finance secretary c) RBI governor d) The president

2. EFT stands for -----
a) Electronic Funds Transfer b) Electronic Funds Transmission
c) E- banking Funds Transfer c) None of these

3. Banking is come under -----
a) Service sector b) Manufacturing sector c) Trading sector d) Others

4. The grievances of customers of banks are settled by -----
 a) RBI b) SBI c) Local Courts d) Ombudsman
5. How many days can you hold a check leaf if it is dated
 a) 5 b) 2 c) 1 d) Until the date is valid
6. ATM stands for -----
 a) Automatic Teller Money b) Any Time Money
 c) Automated Teller Machine d) Automated Teller Money
7. ----- is an electronic payment system that enables customers of a bank to conduct financial transactions on a website operated by the bank?
 a) On – banking b) I- banking c) Comp-banking d) E-banking
8. The job opportunities in the Banking Sector are increased because of-----
 -
 a) Because more banks have started b) To provide more services in rural areas
 c) Because lack of employees d) All of the above
9. If you want to withdraw money, more than in your account, which of the following option would you prefer?
 a) Cash credit b) Overdraft c) Discounting bill of exchange d) Term

loan

10. Which account would be opened by a person running Business?
 - a) Saving account
 - b) Current account
 - c) Recurring account
 - d) Fixed Deposit

11. Which type of Computer knowledge is most needed to work in a bankingsector?
 - a) Tally
 - b) Multimedia
 - c) DCA
 - d) Others

12. Which course is needed to secure job in the banking sector?
 - a) Commerce
 - b) Science
 - c) Humanities
 - d) All of the above

13. Which is the most popular Bank in Kerala?
 - a) SBI
 - b) Indian Bank
 - c) Federal Bank
 - d) Others

14. Which type of job is suitable for Commerce students among followingoptions?
 - a) Accountant
 - b) Manager
 - c) Cashier
 - d) All of the above

15. Which of the following account does not carry any interest?
 - a)Current deposit
 - b)Fixed deposit
 - c)Recurring deposit
 - d)none of these

16. How many digits does used in ATM pin number?
 - a) 4
 - b) 6
 - c) 3
 - d) 5

17. The base color of the Rs.50 note is -----
a) Bright yellow b) Fluorescent Blue c) Magenta d) Stone grey
18. Find the next number in the series
4, 8, 12, 20, -----
a) 32 b) 34 c) 36 d) 38
19. The next one is
CHAIR : TABLE: -----:-----
a) Object: Prop b) Son: Father c) Car : Scooter d) Pen: Paper
20. Which number should come next in the series, 48, 24, 12,----- ?
a) 8 b) 4 c) 6 d)2
21. Arrange the following words in a meaningful sequence.
1. Infection 2. Consultation 3. Doctor 4. Treatment 5. Recovery
A.(1, 3, 4, 5,2) B. (1, 3, 2, 4, 5) C.(1,2,3,4,5) D.(2,3,5,1,4)
22. Find the next : Factory: Worker Week: -----
a) hour b) Minute c) Day d) Fortnight
23. 50% of 50% of 12 is?
a) 3 b) 6 c) 2 d)None of these

24. Express $\frac{1999}{2111}$ in Decimal?

a) 0.946

b) 0.904

c) 0.893

d) None of these

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**TEST ON VOCATIONAL SKILL IN BANKING
RESPONSE SHEET**

Supervisor: Dr. Anju K. Paul

Investigator: Bincy Antony

QuestionNo:	Answer	QuestionNo:	Answer
1		13.	
2		14.	
3		15.	
4		16.	
5		17.	
6		18.	
7		19.	
8		20.	
9		21.	
10		22.	
11		23.	
12		24.	

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**TEST ON VOCATIONAL SKILL IN BANKING
SCORING KEY**

Supervisor: Dr. Anju K Paul

Investigator: Bincy Antony

QuestionNo:	Answers
1	C
2	A
3	A
4	D
5	D
6	C
7	D
8	D
9	B
10	B
11	A
12	D
13	A
14	D
15	C
16	A
17	B
18	A
19	D
20	C
21	B
22	C
23	A
24	A

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
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INVENTORY ON INTEREST IN COMMERCE

Supervisor: Dr. Anju K. Paul

Investigator: Bincy Antony

Instructions

- Read each statements carefully
- For every statement, the possible responses are divided into 5 categories which are Always, Often, Sometimes, Rarely, and Never.
- Put a Tick mark against your choice for statement in the space provide in the response sheet.

Sl.No	Statements
1.	I would like to work hard for getting high marks in Commerce
2.	I am not confident to do problems related to Accountancy in the class
3.	I can raise doubts about difficult part of topics in the class room
4.	I feel bored Business Studies class
5.	I collect and read Commerce books from library
6.	I like to read the life history of great business men those who, make history in financial success
7.	I like to read Business News daily
8.	I am interested to watch TV programmes like market reviews associated with business
9.	I often read the articles related to Business in newspaper

10.	One of my hobbies is collecting photos of great business men
11.	I would like to acquire higher knowledge in Commerce
12.	I have competency in logical and mathematical reasoning
13.	Tutorials are very useful for me achieve high marks in Accountancy
14.	I try to solve Accountancy Problems by myself at home
15.	I like to solve Accountancy problems whenever I get leisure time
16.	I can do tasks effectively in Business Studies class
17.	I am confident to solve the problems of Accountancy without the help of teachers
18.	I can easily solve Accountancy problems with in a limited time
19.	I enjoy while finding answers of complicated problems in Accountancy
20.	Business studies is an interesting subject
21.	I can answer questions in Business Studies
22.	Experienced Commerce teachers are role model to me
23.	For further reference I note down the basic terms of Accountancy
24.	I usually go to the bank to make transactions
25.	I believe that studying Commerce is useful in everyday life
26.	I would like to interview with business man
27.	I cannot lead my group in an effective manner
28.	In school magazine I write business articles
29.	I am very interested to participate activity in Commerce club
30.	I like to participate in Business debate
31.	Usually, I like to participate in Commerce exhibition
32.	While watching business programmer in TV I will get more knowledge about trade & industry

33.	I know the basics of share marketing and stock exchange
34.	While reading newspapers or book I note down new innovations in business
35.	I am aware of globalization
36.	I discuss the latest changes in stock market with my friends
37.	I am aware of the rules that I should follow while doing business
38.	I like to learn the rights of consumers in Business Studies class
39.	I share my Accountancy class experiences with my family members
40.	I usually participate in the consumer awareness programmes by Govt

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

**INVENTORY ON INTEREST IN COMMERCE
RESPONSE SHEET**

Supervisor: Dr. Anju K Paul

Investigator: Bincy Antony

Sl. No.	Always	Often	Sometimes	Rarely	Never
1.					
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**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

**INVENTORY ON INTEREST IN COMMERCE
SCORING KEY**

Supervisor: Dr. Anju K Paul

Investigator: Bincy Antony

Sl. No	Statements	Always	Often	Sometimes	Rarely	Never
1.	I would like to work hard forgetting high marks in Commerce	5	4	3	2	1
2.	I am not confident to do problems related to Accountancy in the class	1	2	3	4	5
3.	I can raise doubts about difficult part of topics in the class room.	5	4	3	2	1
4.	I feel bored during Business Studies class	1	2	3	4	5
5.	I collect and read Commercebooks from library	5	4	3	2	1
6.	I like to read the life history of great business men those who make history in financial success	5	4	3	2	1
7.	I like to read Business Newsdaily	5	4	3	2	1
8.	I am interested to watch TV programmes like market reviews associated withbusiness	5	4	3	2	1

9.	I often read the articles related to Business in newspaper	5	4	3	2	1
10.	One of my hobbies is collecting photos of great business men	5	4	3	2	1
11.	I would like to acquire higher knowledge in Commerce	5	4	3	2	1
12.	I have competency in logical and mathematical reasoning	5	4	3	2	1
12.	I have competency in logical and mathematical reasoning	5	4	3	2	1
13.	Tutorials are very useful for me achieve high marks in Accountancy	5	4	3	2	1
14.	I try to solve Accountancy Problems by myself at home	5	4	3	2	1
15.	I like to solve Accountancy problems whenever I get leisure time	5	4	3	2	1
16.	I can do tasks effectively in Business Studies class	5	4	3	2	1
17.	I am confident to solve the problems of Accountancy without the help of teachers	5	4	3	2	1
18.	I can easily solve Accountancy problems within a limited time	5	4	3	2	1
19.	I enjoy while finding answers of complicated problems in Accountancy	5	4	3	2	1
20.	Business studies is an interesting subject	5	4	3	2	1

21.	I can answer questions in Business Studies	5	4	3	2	1
22.	Experienced Commerce teachers are role model to me	5	4	3	2	1
23.	For further reference I note down the basic terms of Accountancy	5	4	3	2	1
24.	I usually go to the bank to make transactions	5	4	3	2	1
25.	I believe that studying Commerce is useful in everyday life	5	4	3	2	1
26.	I would like to interview with business man	5	4	3	2	1
27.	I cannot lead my group in an effective manner	1	2	3	4	5
28.	In school magazine I write business articles	5	4	3	2	1
29.	I am very interested to participate activity in Commerce club	5	4	3	2	1
30.	I like to participate in Business debate	5	4	3	2	1
31.	Usually, I like to participate in Commerce exhibition	5	4	3	2	1
32.	While watching business programmes in TV I will get more knowledge about trade & industry	5	4	3	2	1
33.	I know the basics of share marketing and stock exchange	5	4	3	2	1
34.	While reading newspapers or book I note down new innovations in business	5	4	3	2	1
35.	I am aware of globalization.	5	4	3	2	1
36.	I discuss the latest changes in stock market with my	5	4	3	2	1

	friends					
37.	I am aware of the rules that I should follow while doing business	5	4	3	2	1
38.	I like to learn the rights of consumers in Business Studies class	5	4	3	2	1
39.	I share my Accountancy class experiences with my family members	5	4	3	2	1
40.	I usually participate in the consumer awareness programmes by govt	5	4	3	2	1

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

SCALE ON ATTITUDE TOWARDS COMMERCE

Supervisor: Dr. Anju K Paul

Investigator: Bincy Antony

Instructions

- Read each statements carefully
- For every statement, the possible responses are divided into 5 categories which are: Strongly Agree, Agree, Undecided, Disagree, and Strongly Disagree.
- Put a Tick mark against your choice in the space provided in the response sheet.
- Do not omit any statements.

Sl.No	Statements
1.	I come to school mainly to attend the Commerce class
2.	Commerce is one of my favourite subjects
3.	I consider the time that I spend for Commerce class as a waste of time
4.	I share Commerce club activities with my family member
5.	Commerce subject is dull and boring
6.	The things I learn in Commerce are so useful in our daily lives
7.	A career in Commerce would be interesting and exciting

8.	Commerce helps me to understand about buying and selling of products
9.	I would like to pursue Commerce at higher classes
10.	Since I am studying Accountancy, I can help the parents in cash Transactions
11.	As a gift, I would like to be given a book about Commerce
12.	I enjoy watching T.V. Programs about business
13.	I am interested to participate in Commerce clubs in my school
14.	I feel great pleasure when discussing the Commerce topics with my classmates
15.	I would like to be a member of a Commerce club
16.	I take all the Commerce tests seriously
17.	I actively participate in Industrial visit as part of Business Studies
18.	I would like to read about different places related to business
19.	I become aware about problems related to consumers on marketing
20.	It is an interesting way to earn living as Commerce teacher
21.	By doing Commerce assignments I become very happy
22.	I like to read Newspaper articles about marketing
23.	Commerce lessons are very enjoyable

24.	I feel very much stress in Accountancy classes
25.	The materials used in Business Studies classes are interesting
26.	I am afraid of Commerce exams
27.	I am worried when I hear the name of Accountancy lessons
28.	I do not like the way our commerce teacher teaches the lesson
29.	Whenever I find any difficulty in Accountancy problem my teacher helps me
30.	I enjoy looking at innovations in Business

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

**ATTITUDE TOWARDS COMMERCE
RESPONSE SHEET**

Supervisor: Dr. Anju K Paul

Investigator: Bincy Antony

Sl. No	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
1.					
2.					
3.					
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DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

SCORING KEY OF ATTITUDE TOWARDS COMMERCE

Supervisor: Dr. Anju K Paul

Investigator: Bincy Antony

Sl. No	Statements	Strongly Agree	Agree	Un Decided	Dis Agree	Strongly Disagree
1	I come to school mainly to attend the Commerce class	5	4	3	2	1
2	Commerce is one of my favorite subjects	5	4	3	2	1
3	I consider the time that I spend for Commerce class as a waste of time	1	2	3	4	5
4	I share Commerce club activities with my family members	5	4	3	2	1
5	Commerce subject is dull and boring	1	2	3	4	5
6	The things I learn in Commerce are so useful in our daily lives	5	4	3	2	1
7	A career in Commerce would be interesting and exciting	5	4	3	2	1
8	Commerce helps me to understand about buying and selling of products	5	4	3	2	1

9	I would like to pursue Commerce at higher classes	5	4	3	2	1
10	Since I am studying Accountancy, I can help the parents in cash transactions	5	4	3	2	1
11	As a gift, I would like to be given a book about Commerce	5	4	3	2	1
12	I enjoy watching T.V. Programs about business	5	4	3	2	1
13	I am interested to participate in Commerce clubs in my school	5	4	3	2	1
14	I feel great pleasure when discussing the Commerce topics with my classmates	5	4	3	2	1
15	I would like to be a member of a Commerce club	5	4	3	2	1
16	I take all the Commerce tests seriously	5	4	3	2	1
17	I actively participate in Industrial visit as part of Business Studies.	5	4	3	2	1
18	I would like to read about different places related to business	5	4	3	2	1
19	I become aware about problems related to consumers on marketing	5	4	3	2	1
20	It is an interesting way to earn living as Commerce teacher	5	4	3	2	1
21	By doing Commerce assignments I become very happy	5	4	3	2	1

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23	Commerce lessons are very enjoyable	5	4	3	2	1
24	I feel very much stress in Accountancy classes	1	2	3	4	5
25	The materials used in Business Studies classes are interesting	5	4	3	2	1
26	I am afraid of Commerce exams	1	2	3	4	5
27	I am worried when I hear the name Accountancy lessons	1	2	3	4	5
28	I do not like the way our commerce teacher teaches the lesson	1	2	3	4	5
29	Whenever I find any difficulty in Accountancy problem my teacher helps me	5	4	3	2	1
30	I enjoy looking at innovations in Business	5	4	3	2	1

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

ACHIEVEMENT TEST IN MATHEMATICS

Supervisor: Dr. Anju K Paul

Investigator: Maria Mathew

Class : IX

Maximum Mark: 20

Maximum Time: 30 Minutes

Answer the following questions

1. A Solid object with two identical ends and flat sides is called -----
A) Rectangle B) Prism C) Circle D) Triangle

2. How many number of faces does a Cylinder has?
A) 2 B) 4 C) 1 D) 6

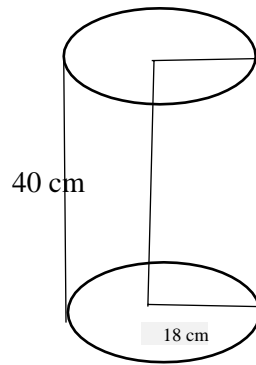
3. The inner diameter of a well 2.5 metres and it is 8metres deep. What wouldbe the cost of cementing its inside from the top to a depth $2\frac{1}{2}$ metres at the rate of 350 rupees per square metre?
A)Rs.6768.75 B) Rs.5838.75
C) Rs.6868.75 D) Rs.4869.75

4. The length of a Triangular Prism are 6cm, 8cm and 10cm respectively and its height is 15cm. What is the area of its Lateral Surface?
 A) 308 cm^2 B) 360 cm^2 C) 460 cm^2 D) 218 cm^2
5. The length, breadth and height of a Rectangular Prism are 10cm, 6cm and 20cm respectively. How many unit Cubes (cubes of side 1cm) can be cut off from it?
 A) 1300 B) 1000 C) 1200 D) 1600
6. The Base Area of a Prism is 30 square centimetres and its height is 12 centimetres. Find its Volume?
 A) 360 cm^3 B) 265 cm^3
 C) 356 cm^3 D) 235 cm^3
7. A rectangular piece of land is 32 metres long and 24 metres wide. A rectangular pond 4 metres long, 3 metres wide and 1.5 metre deep is dug in it. The dug up earth is spread evenly in the plot itself. By how much does the ground level of the plot rise?
 A) 2.38 cm B) 3.26 cm
 C) 5.38 cm D) 4.45 cm
8. A solid metal cylinder of base radius 15 centimetres and height is 32 centimetres. It is melted and recast into a cylinder of base radius 20 centimetres. What is the height of this cylinder?
 A) 18cm B) 14cm
 C) 11cm D) 20cm

9. Base areas of two Prisms are in the ratio 2:3 and their heights are in the ratio 3:4. Find the ratio between their Volumes?
- A) 1:1
B) 2:1
C) 1:2
D) 2:3
10. The school's newly built auditorium has eight cylindrical pillars of the same size. Each pillar is four meters high .The diameter of the pillar is one meter. Find the Curved Surface Area of a pillar?
- A) 4 cm^2
B) 6 cm^2
C) 8 cm^2
D) 2 cm^2
11. A copper block length 5 cm breadth 4 cm and thickness 2 cm is melted and made into a cylindrical rod of radius 2 mm. What is the length of the rod?
- A) 1373.68 cm
B) 1678.88 cm
C) 1739.88 cm
D) 1273.88 cm
12. A pencil 15cm long is in the shape of a Regular Hexagonal Prism. Edge of its end face is 4mm. Find its Volume?
- A) 6.21 cm^3
B) 5.25 cm^3
C) 2.53 cm^3
D) 4.73 cm^3
13. The Volume of a Square Prism is 3600 cubic centimetres and its base area is 144 Square Centimetres. What is its Lateral Surface Area?
- A) 1000 cm^2
B) 1300 cm^2
C) 1800 cm^2
D) 1200 cm^2

14. The length of a Cylinder is 20 Centimetres. Its curved surface area is 720π square centimetres. Find the Base Perimeter?
 A) 16 cm B) 12 cm C) 18 cm D) 17 cm
15. The base of a Prism is an Equilateral Triangle of perimeter 15 centimetres and its height is 5 centimetres. Calculate its Volume?
 A) 38 cm^3 B) 54.06 cm^3
 C) 18 cm^3 D) 44.05 cm^3
16. A cylindrical vessel contains oil and when 3 litres of oil is removed from it, the level of oil decreased by 10 centimetres. What is the radius of the vessel?
 A) 9.77 cm B) 5.87 cm
 C) 8.12 cm D) 9.10 cm
17. Two cylindrical cans of radii 15cm, 10 cm heights 25 cm, 18 cm are filled with oil. Both cans are emptied into another cylindrical can and the oil level reaches 30 cm in the new can. What is the radius of the new can?
 A) 14.21 cm B) 18.73 cm
 C) 15.73 cm D) 13.25 cm
18. A solid rectangular prism is melted and recast into a square prism of height 18 centimetres. If the length, breadth, and height of the rectangular prism are 15cm, 10 cm and 27 cm respectively. What is the volume of the square prism?
 A) 4050 cm^3 B) 3000 cm^3
 C) 3010 cm^3 D) 4000 cm^3

19. A Solid metal cylinder is of base radius 18 centimetres and height is 40 centimetres. By melting this down, how many cylinders of base radius 2 centimetres and height 5 Centimetres can be made?



- A) 648
B) 500
C) 600
D) 649
20. The base of a Prism The base of a prism is a rectangle of sides 5 centimetres and 12 centimetres and its height is 20 centimetres. It is split vertically along a diagonal of the base into two Triangular Prism. What is the surface area of these Triangular Prism?
- A) 650 cm^2
B) 460 cm^2
C) 760 cm^2
D) 660 cm^2

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**ACHIEVEMENT TEST IN MATHEMATICS
SCORING KEY**

Supervisor: Dr. Anju K Paul

Investigator: Maria Mathew

Qn. No.	Answer
1	B
2	A
3	C
4	B
5	C
6	A
7	A
8	A
9	C
10	A
11	D
12	A
13	D
14	C
15	B
16	A
17	C
18	A
19	A
20	D

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

ACHIEVEMENT TEST IN MATHEMATICS
ANSWER SHEET

Supervisor: Dr. Anju K Paul

Investigator: Maria Mathew

Qs. No.	Answer	Qs. No.	Answer
1	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	11	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
2	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	12	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
3	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	13	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
4	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	14	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
5	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	15	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
6	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	16	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
7	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	17	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
8	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	18	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
9	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	19	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D
10	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	20	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

TEST ON LOGICAL THINKING

Supervisor: Dr. Anju K Paul

Investigator: Jalaja S

QUESTIONS

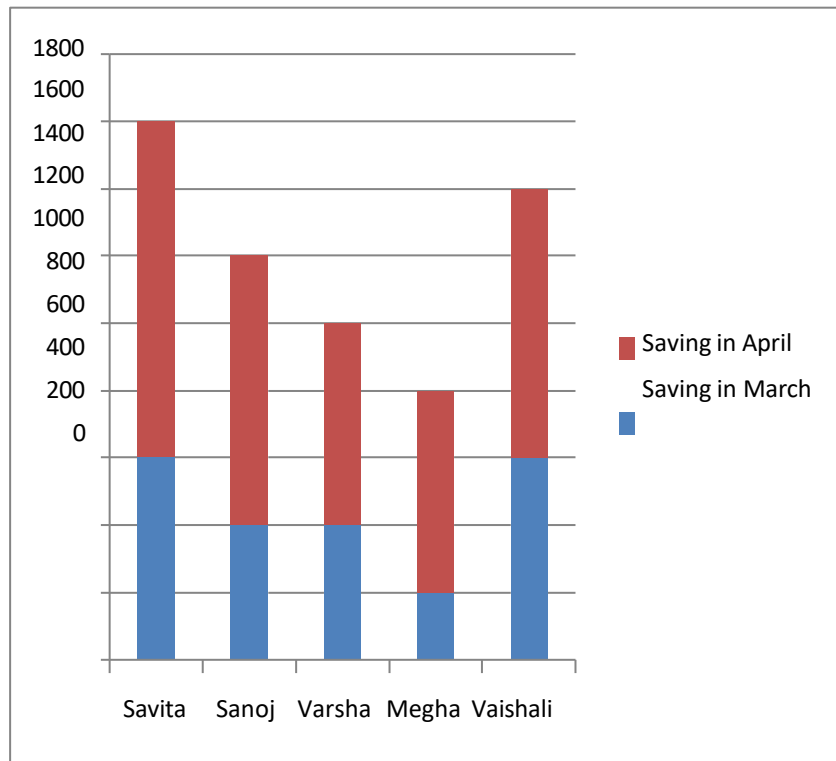
1. Which is the missing number? 2, 7, 12, -----
 - a. 18
 - b. 17
 - c. 20
 - d. 19

2. Look at this series 7, 10, 8, 11, 9, 12, - what number should come next?
 - a. 7
 - b. 10
 - c. 12
 - d. 13

3. Sphere is to Circle as cone is to ----
 - a. Prism
 - b. Cylinder
 - c. Triangle
 - d. Trapezium

4. AZ, CX, FU, --
- a. IV
 - b. IR
 - c. KP
 - d. JQ
5. If $J = 4$, $L = 8$, $M = 24$ Then $(M \times L) / (L + J) = ?$
- a. 8
 - b. 36
 - c. 16
 - d. 0
6. $0.4 + 0.5 + 0.9 + 0.13 = ?$
- a. 0.31
 - b. 1.93
 - c. 2.13
 - d. 2.31
7. $2^5 \times 3^5 = ?$
- a. 5^5
 - b. 6^5
 - c. 10^5
 - d. 6^{10}
8. Which of the following fraction is largest?
- a. $2/3$
 - b. $5/7$
 - c. $3/2$
 - d. $7/5$

9. Observe the following graph and answer question (10 & 11)



10. How much is the savings of Vaishali in the month of March?

- a. Rs 600
- b. Rs 400
- c. Rs 500
- d. Rs 800

11. How much more is the total savings of Savita than the total savings of Megha?

- a. Rs 500
- b. Rs700
- c. Rs 800
- d. Rs300

12. If an object travels at five feet per second how many feet does it travel in one hour?
- a. 30
 - b. 300
 - c. 720
 - d. 18,000
13. $(5-2)^2=$
- a. 6
 - b. 9
 - c. 12
 - d. 10
14. Which of the following is equal to $\frac{1}{2}$?
- a. $\frac{2}{6}$
 - b. $\frac{4}{8}$
 - c. $\frac{4}{9}$
 - d. $\frac{3}{9}$
15. In a class of 78 students' 41 takes English 22 takes Malayalam and 9 take both. How many students are not enrolled in either course?
- a. 6
 - b. 15
 - c. 24
 - d. 33

16. $15.6^5/6^4=?$

- a. $1/5$
- b. $6/5$
- c. 6
- d. $6^2/5$

17. If $a^2=12$, then $a^4=?$

- a. 144
- b. 72
- c. 36
- d. 24

18. In $15 \times 15 = 225$ find $1.5 \times 1.5 = ?$

- a. 2.25
- b. 22.5
- c. 0.225
- d. 0.0225

19. $4/3 \times 5/4 \times 1/2 = ?$

- a. $2/3$
- b. $1/4$
- c. $5/6$
- d. $5/4$

20. Total cost of 3 tables and 2 chairs is Rs 1300 and that of 2 tables and 3 chairs is Rs 1200. Find the cost of one chair.

- a. Rs100
- b. Rs 150
- c. Rs 200
- d. Rs250

21. Which of the following fraction is smallest?

a. $\frac{5}{8}$

b. $\frac{7}{10}$

c. $\frac{3}{4}$

d. $\frac{9}{16}$

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**TEST ON LOGICAL THINKING
SCORING KEY**

Supervisor: Dr.Anju K Paul

Investigator: Jalaja S

Question Number	Answers
1	B
2	B
3	A
4	D
5	C
6	B
7	B
8	C
9	A
10	C
11	D
12	B
13	B
14	A
15	C
16	A
17	A
18	C
19	C
20	D

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA, KOTTAYAM, KERALA – 686575**

TEST ON LOGICAL THINKING ANSWER SHEET

Supervisor: Dr.Anju K Paul

Investigator: Jalaja S.

Question Number	Answer
1	
2	
3	
4	
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6	
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10	
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**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

LABELLING INFORMATION AWARENESS TEST

Supervisor: Mrs. Aneeta George

Investigator: Pushpa George

Instructions

- The test consists of 35 questions each of them have four options
- Read each questions carefully and put tick mark against your choice
- Do not omit any questions
- Your responses will be kept confidential and will be used only forresearch purposes

Questions

1. The term FSSAI stands for,
 - a. Food Security and Safety Act in India
 - b. Food Safety and Standard Assurance in India
 - c. Food Safety and Standard Authority of India
 - d. Food Security and Safety Act of India

2. List of Ingredients are shown in the label under the head of
 - a. Content
 - b. Ingredient Information
 - c. Ingredients
 - d. None of the above

3. Ingredients listed in the label are
- descending order of their composition by weight or volume
 - In alphabetic order
 - In the order of nutritional value
 - Priority of the manufacturer
4. Coca cola is a
- Trade name
 - Description of a product
 - Label name
 - None of the above
5. The Nutritional Information on the food label is for the
- Entire box
 - Recommended serving per 100gm/100ml
 - The amount of food to eat at a time
 - None of the above
6. Energy value shown on the label in
- Gram
 - Kcal
 - ml
 - Kg
7. Look at the following fat content of food products and see which is best for your body:
- 10 grams of fat or less
 - 5 grams of fat or less
 - 3 grams of fat or less
 - No saturated fat

8. Kinds of Fats listed on the food label are
- Saturated Fat
 - Unsaturated Fat
 - Trans Fat
 - All the above
9. The percent daily value (%DV) shown on the label is:
- Percentage of nutrients in the product
 - Percentage of nutrients gets from daily consumption
 - How much of a nutrient is in one serving of the food
 - Daily consumption of a product
10. A symbol on the label consist of a brown colour filled circle inside a square with brown outline indicates the product is
- Vegetarian
 - Non- Vegetarian
 - Highly toxic product
 - Natural product
11. The substance which is intentionally added that preserves flavor and improve taste is called as
- Food adulterant
 - Food contaminant
 - Food admixture
 - Food addictive

12. Which of the following helps in identifying the product or brand and describes several things about the product?
- a. Labeling
 - b. Packaging
 - c. Store branding
 - d. Supplying
13. The net quantity is not expressed in the form of
- a. Weight
 - b. Number
 - c. Volume
 - d. Alphabets
14. The lot number shown on the label indicates
- a. Number of items in the product
 - b. Net quantity of the product
 - c. Identification mark of customer
 - d. Mark of identification by which the food can be traced in the manufacturer
15. What does a use by date indicate
- a. Food is not safer to eat after this date
 - b. Food is not have same quality after this date
 - c. The food must be sold by this date but can be consumed for a couple of days after
 - d. None of the above

16. Date of manufacturing is shown in the order of
- Year, Month, Date
 - Year, Date, Month
 - Date, Year, Month
 - Date, Month, Year
17. Country of origin shown on the label means
- The product is imported to India
 - The product undergoes processing in other country
 - „a „or „b“
 - None of the above
18. Which is true regarding „Instructions for use“ shown on a label
- It is not necessary to shown on a label
 - It shows the amount of nutrients in the food
 - It indicates the doctors suggestion of how to consume the product
 - Shall be included on the label, if necessary, to ensure correct utilizationof the food.
19. Which is the following is a correct form of description on a label
- Incorrect origin
 - Incorrect quantitative description
 - Extended expiry date than its quality
 - Nutritional information provided on the label
20. In packed products the colours of letters printed on the label are,
- Contrast to the background colour
 - Same as the background colour
 - No particular rules govern it
 - As per the interest of the manufacturer


21. The front label of a package is termed as
- Cover page of a product
 - Principal Display Panel
 - Information panel
 - Advertisement
22. The height of the numeral in the Principal Display Panel is determined by
- Area of the Principal Display Panel
 - The height of the Principal Display Panel
 - Weight of the product
 - Size of the label
23. The mandatory statement given on the label of infant milk substitute is
- Baby requires mothers milk
 - Milk is the best source of energy for child
 - Mothers milk is best for your baby
 - Mothers milk is needed for your baby
24. The term ISI mark indicates
- Indian Standard Industrial Mark
 - Indian Safety Institutional Mark
 - Indian Standard Institution Mark
 - Indian Safety Industrial Mark
25. Processed by irradiated method in the label indicates
- To sterilize foods for the protection of consumers against various pathogens
 - The object is not undergone radiation
 - It cause to increase the germs in the food

d. None of the above

26. Sterilized by UHT treatment” usually seen in condensed milk package.

Here UHT indicates

- a. Ultra High Technology
- b. Unsweetened Heavy Thick Product
- c. Ultra High Temperature
- d. None of the above

27. The symbol  shown in the label of the ice cream indicates

- a. 100% Veg
- b. Keep under refrigeration
- c. Health standard
- d. Keep it in open space

28. HDPE shown in the label of drinking water indicates

- a. High Density polyethylene
- b. High Density product
- c. Hereto Density Polyethylene
- d. High Divergent Plastic

29. One time usable plastic bottles of mineral water shall carry

- a. ONE TIME USABLE PACKED DRINKING WATER
- b. BOTTLE FOR ONE TIME USE
- c. CRUSH THE BOTTLE AFTER USE
- d. None of the above

30. Which one of the following is allowed in the label of mineral water
- a. Medical claims
 - b. Nature of the product that create confusion in the mind of the consumers
 - c. Pictorial device that not mislead the public
 - d. Inappropriate images
31. The statement which is not permitted in food label is
- a. Recommended by medical profession
 - b. Prescribed by the doctor
 - c. Approved for medical purpose
 - d. All the above
32. Any food product which does not contains the specific amount of fruit shallmark on the label,
- a. ADDED FRUIT AGENT
 - b. ADDED (FRUIT) FLAVOUR
 - c. FLAVOUR ADDED PRODUCT
 - d. FOOD FLAVOUR ADDED
33. Which of the following is not mandatory in food label
- a. Nutritional label
 - b. Year of manufacturing
 - c. Advertisement
 - d. Instructions for use

34. Which among the following food product is exempted from labelling
- a. On the spot food like bakery items
 - b. Ready to eat food
 - c. Food served on vending machine
 - d. All the above
35. In case of a product whose storage period is not less than 7 days, instead of the date of manufacture which of the following statement is used
- a. Date of expiry
 - b. Date of packing
 - c. Best before date
 - d. Use by date

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA – 686575**

**LABELLING INFORMATION AWARENESS TEST
SCORING KEY**

Supervisor : Mrs. Aneeta George

Investigator: Pushpa George

Q. No.	Answer
1.	C
2.	C
3.	A
4.	A
5.	B
6.	B
7.	C
8.	D
9.	B
10.	B
11.	D
12.	A
13.	D
14.	D
15.	A
16.	D

17.	C
18.	D
19.	D
20.	A
21.	B
22.	A
23.	C
24.	C
25.	A
26.	C
27.	B
28.	A
29.	C
30.	C
31.	A
32.	B
33.	C
34.	D
35.	D

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**LABELLING INFORMATION AWARENESS TEST
RESPONSE SHEET**

Supervisor: Mrs. Aneeta George

Investigator Pushpa George

Q.No	A	B	C	D
1.				
2.				
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**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

SCALE ON CONSUMER BEHAVIOUR

Supervisor: Mrs. Aneeta George

Investigator : Pushpa George

Instructions

- Read each statements carefully and put tick mark against your choice
- For every statement, the possible responses are divided into 5categories which are: Strongly Agree, Agree, Undecided, Disagree, and Strongly Disagree.
- Do not omit any statements
- Your responses will be kept confidential and will be used only for research purposes.

Sl.No	Statement
1.	I buy products when I need them
2.	I spend more money to purchase nutritious food
3.	When I buy a product, I look at its beauty rather than its use
4.	I only buy products that provide a balanced diet
5.	My family and friends influence my purchase decision
6.	I only make purchases only after keeping apart some amount assavings
7.	I purchase things by borrowing money from others
8.	I prefer imported products than domestic product

9.	I buy packed food products only after reading labelling information on the package
10.	I am fully aware of the products I buy
11.	Symbols found in a product helps me to understand whether the product is healthy
12.	I made purchase without reading ingredients list on the label
13.	I do not buy product without looking at the expiration date
14.	I know about the products through advertisements
15.	Product display at shops induced me to purchase it
16.	I often monitor what others buy to make sure that I am buying the right product
17.	The options of others influence my final purchase decision.
18.	I get information about the product from television and internet
19.	I use social networking sources to spot the latest information about products
20.	I always confirm the quality of the product by using it
21.	I usually buy the packed product based on my prior experience on that product
22.	I will thoroughly review the product before I make a purchase
23.	When I make a purchase I carefully survey the products to find the best value for money
24.	I usually buy low cost products
25.	When I buy a product, I don't care how it affects my health
26.	I check the usefulness of the product before I purchasing it
27.	I prefer the food which are packed in a recycled or reusable container

28.	I choose products which have multiple use
29.	Credit facility provided by the seller influences my purchase decision
30.	The model/brand ambassadors on the advertisement affect my purchase
31.	The design and colour of the package influence my purchase decision
32.	I like shopping with my friends
33.	I likes to try different food products irrespective of their quality
34.	My experience on a product influence my purchase
35.	I purchase products quickly without much thinking
36.	I complain to the authority if the product is not appealing
37.	I never buy a product which does not meet the standard they offered
38.	I usually compare my expectation of the product and the value I received from it
39.	If I satisfied with a product I pass the product information to otherpeople
40.	I frequently use the products which I favour the most

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ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

SCALE ON CONSUMER BEHAVIOUR

SCORING KEY

Supervisor: Mrs. Aneeta George

Investigator: Pushpa George

Sl.No.	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
1.	5	4	3	2	1
2.	5	4	3	2	1
3.	1	2	3	4	5
4.	5	4	3	2	1
5.	1	2	3	4	5
6.	5	4	3	2	1
7.	1	2	3	4	5
8.	1	2	3	4	5
9.	5	4	3	2	1
10.	5	4	3	2	1
11.	5	4	3	2	1
12.	1	2	3	4	5
13.	5	4	3	2	1
14.	5	4	3	2	1
15.	1	2	3	4	5
16.	5	4	3	2	1
17.	1	2	3	4	5

18.	5	4	3	2	1
19.	5	4	3	2	1
20.	5	4	3	2	1
21.	5	4	3	2	1
22.	5	4	3	2	1
23.	5	4	3	2	1
24.	1	2	3	4	5
25.	1	2	3	4	5
26.	5	4	3	2	1
27.	5	4	3	2	1
28.	5	4	3	2	1
29.	5	4	3	2	1
30.	1	2	3	4	5
31.	1	2	3	4	5
32.	5	4	3	2	1
33.	1	2	3	4	5
34.	5	4	3	2	1
35.	1	2	3	4	5
36.	5	4	3	2	1
37.	5	4	3	2	1
38.	5	4	3	2	1
39.	5	4	3	2	1
40.	5	4	3	2	1

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**SCALE ON CONSUMER BEHAVIOUR
RESPONSE SHEET**

Supervisor: Mrs. Aneeta George

Investigator: Pushpa George

Sl.No	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
1.					
2.					
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DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

TEST ON SCIENTIFIC TEMPER

Supervisor: Mrs. Aneeta George

Investigator: Chrisy Jose

Instructions

- Read the questions carefully.
- Each question carries three options. Put ✎ mark in the column against the correct option.
- Your response will be kept confidential and used only for my thesis work.

QUESTIONS

1. What will you do if the electric bulb in your house is damaged?
 - a. I will call an electrician
 - b. I will try to replace the bulb on your own
 - c. I will use a solar light

2. What is your approach to experiments in the Science textbooks?
 - a. I will learn the results only after getting convinced by doing the experiment
 - b. I will learn the information in the textbook by heart
 - c. If the results of the experiment go wrong, I will not be ready to do it again

3. While travelling through a public place during rainy season, what will you do if you see a broken electric line ?
 - a. I will inform the nearest electricity office

- b. This information will be communicated to the shop or institution nearby
 - c. I will try to escape from the place as soon as possible
4. Some worms are seen on the plants in your garden. What will be your response after you realise that they are caterpillars to be butterflies?
- a. I will take photos of the caterpillars
 - b. I will destroy the worms as they eat away the leaves of the plant
 - c. I'll observe the stages of growth of the caterpillars
5. If you notice that the school's water tank often run out of water quickly, what will you do?
- a. I will make sure that the pipes are all turned off after use.
 - b. I will talk in the class, about the need for water conservation
 - c. I will complain to the school authorities about the tank running out of water
6. If you happen to learn about generating electricity in the dams, what will be your attitude towards it?
- a. I will try to understand the things directly, if given a chance to visit dams
 - b. I will learn the information as given in the textbook
 - c. I will find out and read additional information about the working of dams
7. If a live rocket launch and your favorite TV programme are telecasted at the same time, which will you choose?
- a. I will watch the favourite TV programme
 - b. I will watch the live telecast of rocket launch
 - c. I will watch both the programmes alternately

8. If you are attending the science-social science-work experience fair held at your school, the exhibition at which section will interest you more?
- Science
 - Social Science
 - Work experience
9. If you hear the news that equipments of low cost and high quality are available in the market, what will be your standpoint?
- I will think more about the scientific advancement
 - I will share the information with others
 - I will not give much importance to this news
10. If you see that the colour and shape of a plastic bottle at your home is changed, what will you infer from that?
- I will understand that it is damaged as it is an old bottle
 - I will conclude that somebody filled the bottle with hot water
 - I will conclude that somebody played with the bottle by throwing it
11. What will you do if you notice that your friend brings food regularly in plastic cover and then throws it in the school premises?
- I will suggest not to use plastic cover
 - I will complain in the school
 - I will give awareness to the friend about the problems caused by plastic to nature
12. If you see someone in your acquaintance washes their vehicle in a nearby water source, what can you do to prevent it?
- I will tell about water pollution
 - I will tell that the vehicle should not be washed there.
 - I will tell about the need for water conservation

13. You bought a new fan at home. When it was not possible to complete the wiring works of the fan as you could not hire an electrician, your elder brother did it on his own. What is your attitude towards this?

- a. I will appreciate my brother
- b. I will encourage my brother to do better things like this
- c. I will think that it is not a great thing

14. All are doing an experiment in the science lab. Nobody is getting the correct results. What will be your response if only one student successfully completed the experiment?

- a. I will congratulate the friend
- b. I will bring teacher's attention to the friend's talent
- c. I will feel proud of friend's talent

15. What will be your reaction if you notice that if the chemical content in the soap you regularly use is very high?

- a. I will discard the soap and buy another one.
- b. I will give awareness about this issue to others also
- c. I will not talk about this to anyone

16. If you notice that the flower in a newly bloomed plant in your garden changes colour at morning, noon and evening, what will be your response towards this, as a science student?

- a. I will enjoy the colour change of the flowers
- b. I will find out the name of the plant and collect more information about it
- c. I will take photos of the flowers

17. If your father repairs a damaged electric appliance at your house, what will be your response to it, as a science student?

- a. I will feel proud of my father's talent
- b. I will appreciate my father
- c. I will inquire and understand how the equipment was repaired

18. A magic show takes place in your school. If many of the magics attracted you, how will you try to know more about magic?

- a. I will try to participate in more magic shows
- b. I will try to discover the tricks behind the magic
- c. I will not try much to discover the facts behind magic

19. What will be your response if you get a chance to participate in a flowershow?

- a. I will enjoy the beauty of all flowers
- b. I will take photos of the flowers
- c. I will try to inquire more details about the rarely seen flowers

20. If you notice formation of rainbow in the sky after rain, what all will you understand from it?

- a. I will learn which all colours are there in the rainbow
- b. I will learn the scientific facts behind rainbow formation
- c. I will write a poem enjoying the beauty of the rainbow

21. If there is a talk about life in Mars in a seminar at school, what will be your attitude?

- a. I will believe it based on the information from articles and newspapers
- b. I will consider it as a great achievement
- c. I will not believe it completely

22. If you come to know about the invention of a new medicine, what will be your response?
- I will believe it based on the news reports
 - I will consider it as a great achievement
 - I will not consider it as a great achievement
23. Everyone in your home iron only the clothes that they need daily. This habit when continued, was found to increase the current bill. What can you do to solve this issue?
- Make it a habit to iron the clothes needed for a week
 - Check if there is any damage for the iron box
 - Try to reduce the use of the iron box
24. What will be your response if the teacher asks you to present a project at the science exhibition?
- I will choose an easy one from the projects done in the previous years
 - I will give away this chance to another friend
 - I will try to do a novel project
25. What will be your response if your friend offers you a cool drink?
- Accept the cool drink
 - Reject the offer
 - Make the friend aware that cool drinks are harmful to health
26. What will be your response if you see an article in the newspaper about a new model of mobile phone to be released in the future?
- I will collect images of the phone
 - I will try to know more about the features of the phone
 - I will pay attention to the basic features only and neglect the rest

27. A seminar on the latest equipments to be released in the future is being held at the school. What will be your attitude towards it?
- a) I will attend the seminar carefully
 - b) I will attend the seminar at the insistence of the teacher
 - c) I will not attend the seminar
28. If someone in your acquaintance has bought a new model car, what will be your attitude towards it?
- a) I will inquire about the model and price of the car
 - b) I will inquire the specific features of this car, unlike other cars
 - c) I will enjoy the beauty of the car
29. Suppose that your brother tells you to use CFL or LED bulbs for home electricity purposes. What do you understand from this?
- a) I will think that such bulbs are used because the brightness is high
 - b) I will find out whether they are available at a lower price
 - c) I will find that they are best suited for efficient electricity consumption
30. If you receive an instruction that students should leave the class only after turning off the fans and lights, what will you learn from it?
- a) I will think that it is for the protecting the fan and bulbs from damage
 - b) I will understand that this is to avoid unnecessary wastage of electricity
 - a) I will think that I will get punished if I do not obey the teacher
31. If a flat has been built in your nearby place after transforming a paddy field into a construction site and in the further years waterlogging occurs in the flat premises, what will you assume from such a situation?
- a) It is not easy for water to penetrate down into the soil there
 - b) It is because there is no sufficient drainage system there

- c) It is a consequence of filling in the paddy field
32. What will you do against the increase of plastic waste at your home?
- a) I will try to avoid the plastic covers and use cloth bag
 - b) I will dump the plastic waste somewhere
 - c) I will try to reduce the use of plastic covers
33. What will you do against it if you notice that food waste is very high at your school?
- a) I will ask the school to ban food waste
 - b) I will ask to levy fine from those who waste food
 - c) I will make the students aware of the need to keep the school premises clean
34. What action will you take if there is an increase of mosquitoes in your area?
- a) I will use mosquito net
 - b) I will use mosquito coil
 - c) I will remove the stagnant water in the area
35. What is your attitude towards solar equipments ?
- a) Solar equipments are good for the general use at home
 - b) Solar devices have a short life span
 - c) Not interested in solar equipments
36. You wrote an article to publish in the school science magazine. But it was returned saying it is not suitable for publication. What will you understand from this?
- a) I will think that even though the article was excellent, it was omitted
 - b) I will think that it was excluded because it was given in the last days
 - c) I will think that the article was excluded because of its poor

standard for publication

37. How will you react to a neighbour who decided to cut down all the trees near the house because the yard is full of leaves?

- a) I will agree to this decision
- b) I will convince him about the problems to the nature caused by deforestation
- c) I will suggest them to cut down only a few trees if necessary

38. What will be your reaction if a black cat jumps across your way when you set out for a journey?

- a) I will not take this seriously
- b) There will be fears that something bad will happen
- c) I will postpone the journey

39. What will be your attitude if your friend tells that seeing only one Myna at a time is a bad omen?

- a) I will convince the friend that this is a superstition
- b) I will agree to this opinion
- c) I will ask if there is anything special about Myna

40. Someone in your acquaintance always looks for Rahu Kaal before going out. What is your attitude towards this?

- a) I will agree with this
- b) I will tell him that this is a superstition
- c) I will tell him not to look for Rahu Kaal

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

TEST ON SCIENTIFIC TEMPER
SCORING KEY

Supervisor: Mrs. Aneeta George

Investigator: Chrisy Jose

Qn No.	Answer	Qn No.	Answer	Qn No.	Answer	Qn No.	Answer
1.	b	11.	c	21.	a	31.	C
2.	a	12.	c	22.	a	32.	A
3.	a	13.	b	23.	a	33.	C
4.	c	14.	b	24.	c	34.	C
5.	a	15.	b	25.	c	35.	A
6.	c	16.	b	26.	b	36.	C
7.	b	17.	c	27.	a	37.	B
8.	a	18.	b	28.	b	38.	A
9.	b	19.	c	29.	c	39.	A
10.	b	20.	b	30.	b	40.	B

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

TEST ON SCIENTIFIC TEMPER
RESPONSE SHEET

Supervisor: Mrs. Aneeta George

Investigator: Chrisy Jose

Qn No.	A	B	C	QnNo.	A	B	C
1.				7.			
2.				8.			
3.				9.			
4.				10.			
5.				11.			
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19.				33.			
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22.				36.			
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24.				38.			
25.				39.			
26.				40.			

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION
PALA, KOTTAYAM, KERALA-686575

TEST ON SCIENTIFIC OBSERVATION

Supervisor: Mrs. Aneeta George

Investigator: Bincy A M

Instructions

- Read the questions carefully.
- Each question carries three options. Put ✎ mark in the column against the correct option.
- Your response will be kept confidential and used only for research purpose.

QUESTIONS

1. When do you notice mushroom growth in your surroundings?
 - a. During thunder days
 - b. During drizzling rain
 - c. During winter season

2. What will you observe while mixing kerosene and water by shaking?
 - a. Kerosene will float over water
 - b. Water will float over kerosene
 - c. Kerosene will dissolve in water

3. How the sunlight could affect plant growth?
 - a. Plants grow along sunlight
 - b. Plants grow against sunlight
 - c. Sunlight cannot affect plant growth

4. If you stand on your school ground at noon what would be the length of your shadow?
 - a. Shadow will be long
 - b. Shadow will be short
 - c. Shadow will have your same length

5. If you put a stone into a water body, what would be the velocity of it through air and water?
 - a. Higher in air and lower in water
 - b. Lower in air and higher in water
 - c. Same in both medium

6. How can you distinguish the skin of reptiles from frog?
 - a. Blisters on the skin
 - b. Marshy smell
 - c. Highly moistened skin

7. How can you distinguish banyan tree from other trees?
 - a. Shed leaves during winter
 - b. Stilt roots can be observed
 - c. Thorned branches

8. How the water in an earthen pot differ from that kept in a metal container during summer season?
 - a. Water will be cooler
 - b. Water will be hotter
 - c. There will be a colour change

9. What change do you observe for a turmeric stain while applying soap?
 - a. It will disappear

- b. Stain becomes lighter
- c. It becomes orange in colour

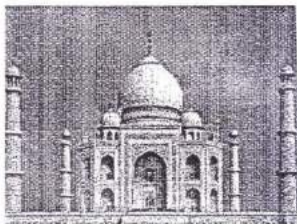
10. What is the advantage of green board over black board?

- a. Multi coloured chalks can be used
- b. Can be clean easily
- c. Can be write easily

11. How a metro train differ from a local train?

- a. High speed
- b. Modern facilities are there
- c. Do not share the track with other trains

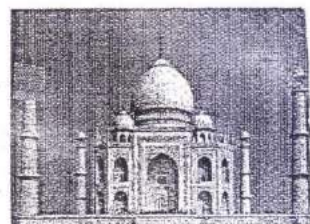
12. Find out the correct picture of Taj Mahal



a



b



c

13. When you plant a stem which part of it develops first?

- a. Leaf
- b. Stem
- c. Root

14. What would you observe dipping a spoon in half glass of water?

- a. The spoon seems to be long
- b. The spoon seems to be bend
- c. No change at all

15. If you are not using a copper vessel for long time, what change would you observe?

- a. It becomes greenish
- b. It becomes reddish
- c. It will be more glittering

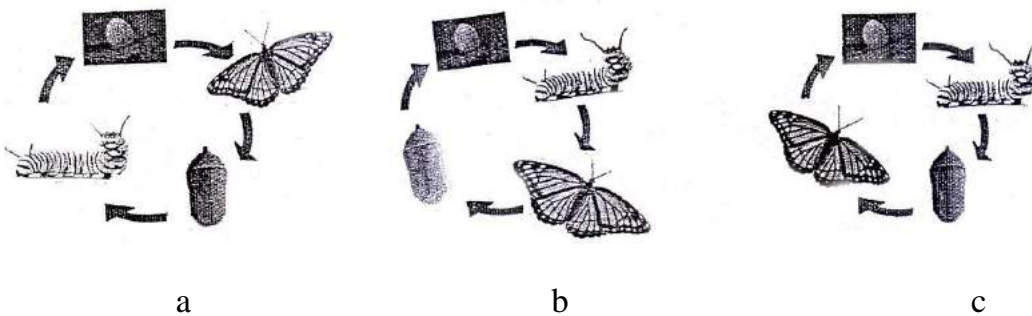
16. Which surface of a leaf is more greenish?

- a. Upper surface
- b. Lower surface
- c. Both

17. What can you see while observing sunlight through a transparent scale?

- a. Colours of a rainbow
- b. Intense yellow colour
- c. Red sunlight

18. Select the correct diagram indicating the life cycle of a butterfly



19. Which number indicates a reusable plastic bottle?

- a. 5
- b. 1
- c. 3

20. What can you observe when sunlight pass through dew?
- Dew will increase in size
 - We can see different colours
 - Movements can be observed
21. When we pour boiled water into a cold glass what will happen?
- Glass shrinks
 - Glass breaks
 - Colour of the glass changes
22. What will happen when north poles of two magnets come together?
- They repel each other
 - They attract each other
 - No change
23. The needle of a magnetic compass indicates which direction?
- North
 - South
 - East
24. How can you identify a damaged mobile phone battery?
- Colour will change
 - Battery swells
 - Battery leaks
25. When two ear buds of a mobile headset come close together what will you observe?
- They repel each other
 - They attract each other
 - No change

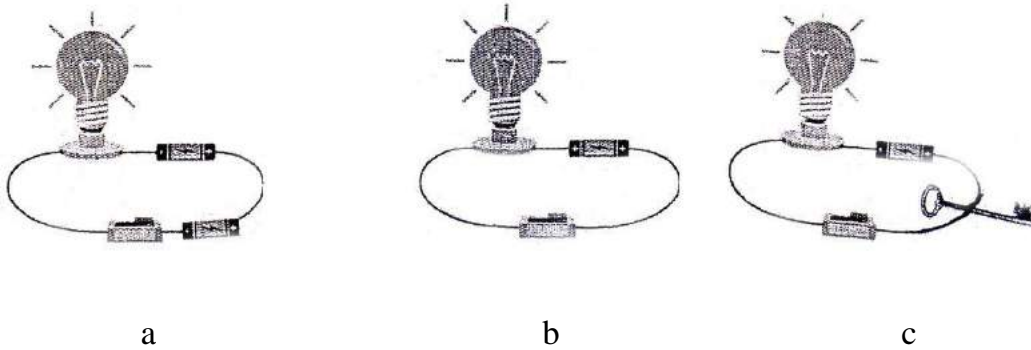
26. If you keep naphthalene balls open what will you observe?

- a. It will liquefy
- b. It will disappear
- c. It becomes power

27. What is the advantage of using wet chalks on board?

- a. It will become more bright
- b. It will become less bright
- c. Can erase easily

28. Select correct electric circuit from following diagram



29. How can you analyse temperature by using a thermo meter?

- a. Temperature of the thermometer will change
- b. The level of Mercury will change
- c. The colour of Mercury will change

30. Why people bring fire into the well while cleaning it?

- a. For good visibility
- b. For sanitation

31. Common speciality of an aeroplane and boat is:

- a. It is built by hard metal
- b. Spindle shaped body
- c. Large fuel tanks

32. Fishes respire through:
- Mouth
 - Skin
 - Gills
33. What is the reason behind the raising up of dosa dough?
- Because of adding water
 - By increasing the amount of water
 - Due to the formation of air bubbles
34. What kind of a cloth you prefer for making a duster?
- Polyester
 - Cotton
 - Satin
35. The image formed on the side mirror of vehicle is:
- Small and closer
 - Small and distant
 - Large and very close
36. From the options given below which bird can fly backward direction?
- Eagle
 - Humming bird
 - Pigeon
37. Which flower can change its colour at high temperature?
- Vadamally
 - Sunflower
 - Magic rose

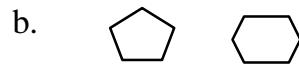
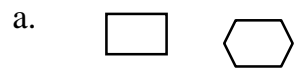
38. Which colour we can see on the top of Indian National Flag?

- a. Green
- b. Saffron
- c. White

39. The speed limit of a vehicle in school premises is:

- a. 30 km/h
- b. 50 km/h
- c. 60 km/h

40. From the given options select suitable one which indicates geometrical shapes those we can see on football.



DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION
PALA, KOTTAYAM, KERALA-686575

TEST ON SCIENTIFIC OBSERVATION
SCORING KEY

Supervisor: Mrs. Aneeta George

Investigator: Bincy A M

Question No.	Answer	Question No.	Answer
1	a	15	A
2	a	16	A
3	a	17	A
4	b	18	C
5	a	19	C
6	c	20	C
7	b	21	B
8	a	22	A
9	c	23	A
10	a	24	B
11	c	25	A
12	b	26	B
13	c	27	A
14	b	28	C
29	b	35	A
30	c	36	B
31	b	37	C
32	c	38	B
33	c	39	A
34	b	40	B

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION
PALA KOTTAYAM, KERALA – 686575

TEST ON SCIENTIFIC OBSERVATION
RESPONSE SHEET

Supervisor: Mrs. Aneeta George

Investigator: Bincy A M

Question No.	Answer	Question No.	Answer
1		12	
2		13	
3		14	
4		15	
5		16	
6		17	
7		18	
8		19	
9		20	
10		21	
11		22	
23		32	
24		33	
25		34	
26		35	
27		36	
28		37	
29		38	
30		39	
31		40	

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA, KOTTAYAM, KERALA – 686575**

QUESTIONNAIRE ON ADVERTISEMENTS

Supervisor: Dr. Manju Joseph

Investigator: Selva Premila L.

Instructions

- Answer all questions.
- Read each questions and put a tick mark (√) against your choice in the Response Sheet.
- Your answers will be kept confidential and will be used only for my research work.

Sl.No	Questions
1	Do you watch Advertisements?
2	Do you skip the Advertisement while watching Cinema?
3	Do you get any knowledge through Advertisement?
4	Do you think that Advertisement are used only for commercial purpose?
5	Do you think Advertisements help you in your life?
6	Do you think ‘Advertisement help for wide reach of products to customer on time?
7	Do you think Advertisements are the best means to sell products?
8	Do you get enough knowledge about the product through the advertisement?

9	Do you think advertisement make changes in your life?
10	Do you think Advertisements are helpful to sell the products?
11	Do you have trust in Advertisements?
12	Do you think Advertisements influence you?
13	Do you think advertisement has values?
14	Do you think that advertisements sustain our traditional values?
15	Do you think advertisement guide us in the right path to move ahead?
16	Do you watch the nation's emotional or sensational advertisements?
17	Do you think advertisements are helpful to motivate one's language development ?
18	Do you imitate the actions in the advertisements ?
19	Do you imitate any advertisement?
20	Do you like to imitate great personalities shown in the advertisements?
21	Do you like to imitate the character's style in advertisements?
22	Have you imitated any characters in the advertisement ?
23	Do you catch more words from the Advertisement?
24	Do you think advertisements are helpful to draw out one's innate ability?
25	Do you think advertisements help to get more vocabulary?
26	Do you like to imitate the character's style in advertisements?
27	Do you catch more words from the Advertisement?

28	Do you think advertisements are helpful to draw out one's innate ability?
29	Do you think advertisements help to study second language??
30	Do you think advertisements help to understand global language?
31	Do you like watching motivating advertisements?
32	Do you think advertisements help to understand global language well?
33	Do you think the advertisements exploit you?
34	Do you think advertisements encourage you to participate more in competitions ?
35	Do you think advertisement motivate us to keep your body clean?
36	Do you think advertisements motivate you to buy more things?
37	Do you know the advertisements sometimes warn you to use/ ban things?
38	Do you expect advertisements guide us to proceed our work?
39	Do you believe advertisements motivate you to do what is right?
40	Do you think advertisement helpful to motivate the children to do what is right?
41	Do you think advertisement prohibits the children to use alcohol and other drugs?
42	Do you think Advertisement will provide negative reinforcement among children?
43	Do you think advertisement will give positive reinforcement to buy aproduct?
44	Do you think Advertisements compel to buy the products?

45

Do you think advertisement give strong boost to sell products?

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**QUESTIONNAIRE ON ADVERTISEMENTS
RESPONSE SHEET**

Supervisor: Dr. Manju Joseph

Investigator: Selva Premila L.

1.	Yes	No
2.	Yes	No
3.	Yes	No
4.	Yes	No
5.	Yes	No
6.	Yes	No
7.	Yes	No
8.	Yes	No
9.	Yes	No
10.	Yes	No
11.	Yes	No
12.	Yes	No
13.	Yes	No
14.	Yes	No
15.	Yes	No
16.	Yes	No
17.	Yes	No
18.	Yes	No
19.	Yes	No

20.	Yes	No
21.	Yes	No
22.	Yes	No
23.	Yes	No
24.	Yes	No
25.	Yes	No
26.	Yes	No
27.	Yes	No
28.	Yes	No
29.	Yes	No
30.	Yes	No
31.	Yes	No
32.	Yes	No
33.	Yes	No
34.	Yes	No
35.	Yes	No
36.	Yes	No
37.	Yes	No
38.	Yes	No
39.	Yes	No
40.	Yes	No
41.	Yes	No
42.	Yes	No
43.	Yes	No
44.	Yes	No
45.	Yes	No

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

VOCABULARY ACQUISITION TEST

Supervisor: Dr. Manju Joseph

Investigator: Selva Premila L.

Marks:45

Instructions

- Read each questions carefully
- All questions are compulsory
- This questionnaire consist of 45 items
- Answer all statements and your answers will keep in confidential and will be used only for my research work.

1. Find out nine meaningful words from the table below

L	E	G	K	F	R	O	O	T
M	A	D	E	O	E	R	E	D
M	A	P	L	L	T	R	E	E
F	I	S	H	L	D	O	L	L
R	I	P	E	O	A	N	G	O
T	D	I	G	W	L	A	N	T
S	H	O	E	S	L	R	W	E
P	A	L	M	I	R	I	E	S
M	E	E	T	P	I	B	E	S

Sample: TREE

(9x1=9)

2. Make nine meaningful words using all the letters in the columns given below.

P, N, E	N, U, C, E, L
R, A, E	L, R, G, I
N, A, M, O, G	E, Y, S, E
P, E, R, A, P	P, A, L
E, R, X, E, I, C, S, E	

Example: PEN

(9 x 1=9)

3. Find out the correctly spelt word from the following.

Leader	laeder	loader	ledoer
Porper	proper	proeper	prepor
Cofort	comfort	camfort	combort
Benefits	bneofits	benetis	benfits
Enjoye	Enjoy	Anjoy	Enjoie
Forgot	Forgott	Fogoot	Fogoat
Leap	Leep	Liep	Lepe
Wondar	Wonder	Vonder	Wandar
Fogeeve	Forgive	Forgeave	Fogev

Example: Leader

(9x1=9)

4. Choose the correct words from the brackets

1. The issue that I spoke about (needs/need) serious consideration
2. My friend's plans (vary/varies) according to his moods
3. The political party which (win/wins) an election through money and muscle power will not last long.
4. Nothing (work/works) like hard work
5. The subject matter of these books (appears/appear) ambiguous
6. The terms of this contract (get/gets) over on the last day of this month
7. The topic of election reforms (requires/require) a series study by all parties concerned.
8. The newly appointed clerk hardly (write/writes) well

Example: Nothing works like hard work

(8x1=8)

5. A few sentences are given below. But the words in the sentences are not in the correct order. Make a meaningful sentence.

1. broken/sali/arm/herself/her
2. the/cricket/won/india/match
3. the world/because/power /of/his/conquered/alexander
4. next/chippy/marry/siby/Monday/going to
5. whole heartedly/good friends/are/they
6. strength/is/unity

Example: Sali broken her arm herself

(6x1=6)

6. Match the following with meaningful words.

- | | |
|---------------|-----------------|
| 1. Genuine | - delightful |
| 2. Enchanting | - giving freely |
| 3. Generous | - Honey |
| 4. Nectar | - real |

Example: Genuine - Real

(4x1=4)

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION, PALA**

**VOCABULARY ACQUISITION TEST
ANSWER KEY**

Supervisor: Dr. Manju Joseph

Investigator: Selva Premila L.

1.Find meaningful words

1. Ant
2. Made
3. Shoe
4. Palm
5. Meet
6. Root
7. Fish
8. Doll
9. Map

2.Make meaningful words

1. Ear
2. Mango
3. Paper
4. Exercise
5. Uncle
6. Girl
7. Eyes
8. Lap

3. Find out the correctly spelt word

1. Proper
2. Comfort
3. Benefits
4. Enjoy
5. Forgot
6. Leap
7. Wonder
8. Forgive

4. Choose the correct words

1. The issue that I spoke about needs serious consideration
2. My friend's plans vary according to his moods
3. The political party which wins an election through money and musclepower will not last long.
4. Nothing works like hard work
5. The subject matter of these books appear ambiguous
6. The terms of this contract get over on the last day of this month
7. The topic of election reforms requires a series study by all parties concerned.
8. The newly appointed clerk hardly write well.

5. Make a meaningful sentence

1. Sali broken her arm herself
2. India won the cricket match
3. Alexander conquered the world because of his power
4. Next Monday Chippy going to marry Siby
5. They are whole hearted good friends

6. Unity is Strength

6. Match the following with meaningful words

1. Genuine- real
2. Enchanting- delightful
3. Generous-giving freely
4. Nectar-hone

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST.THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**VOCABULARY ACQUISITION TEST
ANSWER SHEET**

Supervisor: Dr. Manju Joseph

Investigator: Selva Premila L.

1. Find out ten meaningful words from the table below

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....
- 7.....
- 8.....
- 9.....

2. Make meaningful words using all the letters in the columns given below.

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....

7.....

8.....

9.....

3. Find out the correctly spelt word from the following.

1.....

2.....

3.....

4.....

5.....

6.....

7.....

8.....

9.....

4. Choose the correct words from the brackets

1.....

2.....

3.....

4.....

5.....

6.....

7.....

8.....

5. A few sentences are given below. But the words in the sentences are not in the correct order. Make a meaningful sentence.

1.....

2.....

3.....

4.....

5.....

6.....

6. Match the following with meaningful.

1.....

2.....

3.....

4.....

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575

TEST ON VOCABULARY ACQUISITION IN ENGLISH

Supervisor: Dr. Manju Joseph

Investigator: Aparna Muralidharan

Marks: 40

Instructions

- All questions are compulsory.
- All questions must be attempted in the corrected order.
- The data given will be kept strictly confidential and will be used only for research requirement.

Questions

1. Find out eleven meaningful words from the table below

T	Z	H	M	A	E	S	S
I	O	S	P	I	M	E	A
D	B	S	E	M	I	E	D
E	I	F	N	E	T	D	M
B	O	O	K	D	R	I	B
J	C	G	I	I	A	P	C
U	K	F	T	A	T	Q	R
V	W	M	E	M	O	R	Y

Example: Book

(11×1=11)

2. Make meaningful words using all the columns given below

Sl. No	1	2	3	4	5
--------	---	---	---	---	---

T	R	E	N	G	H	T	S	T	R	E	N	G	H	T				
A	P	T	I	T	U	D	E											
S	H	D	A	W	O													
N	A	U	T	R	A	L												
R	E	S	O	P	N	S	B	I	L	E								

3. Find out the correctly spelt word from the following

- a) embaarrassment b) embarrassment c) embarrasment d) embarrassment
- a) equipment b) equiptment c) equippment d) equipment
- a) guarantee b) guarantee c) gurantee d) guarantee
- a) medival b) medieval c) medieval d) medeval
- a) perseverance b) perseverance c) perceverance d) perseverance
- a) pronounciation b) pronunciation c) pronunceation d) pronunsiation

(6×1=6)

4. A few sentences are given below. But the words in the sentences are not in the correct order. Write the number for the correct order of words which make the sentence meaningful.

Example

1	2	3	4	5
Don't	her	Tell	truth	the

Ans:

1	3	2	5	4
---	---	---	---	---

1	he	the, task	finished	evening	in the
2	the	is	hotel	over the	Bridge
3	go	Mary	to the	did not	Party
4	the	ate steak	wolf	zoo	at the
5	I	drink	cannot	milk	Warm
6	a day	sun shine	night	without	is like
7	the Japanese	harmony	live in	with	nature

(7×1=7)

5. Given below are a few proverbs. For each proverb three possible meanings are given. Find out the most correct one.

- a. All that glitters is not gold.
- i. All things that glitter are not gold.
 - ii. Things that look good outwardly may not be as valuable or good.
 - iii. Things that look good may not be good every time.
- b. An apple a day keeps the doctor away.
- i. Eating an apple a day will keep you healthy.
 - ii. Eating an apple a day will reduce the illness.
 - iii. Eating an apple a day will balance the diet.

(2×1=2)

Match the following

A. She is teaching his students	i. Present perfect continuous
B. We've been waiting for them	ii. Present continuous
C. He eats with his left hand	iii. Past perfect
D. We've learnt our lessons	iv. Simple present
E. The chief guest addressed the gathering	v. Present perfect
F. They had been walking	vi. Simple past
G. They will have learnt their lessons	vii. Past perfect continuous
H. I didn't sleep well	viii. Simple present
I. She works at a factory	ix. Future perfect
J. He had sought the permission of his boss	x. Simple past

(10×1=10)

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION,
PALA KOTTAYAM, KERALA – 686575**

**TEST ON VOCABULARY ACQUISITION IN ENGLISH
ANSWER KEY**

Supervisor: Dr. Manju Joseph

Investigator: Aparna Muralidharan

I. Finding Words.

1.Seed.....
2.Sad.....
3.Sea.....
4.Aim.....
5.Net.....
6.Tide.....
7.Kite.....
8.Aid.....
9.Fog.....
10. ...Cry.....
11. ...Time.....

II. Word Making.

1. Aptitude
2. Shadow
3. Natural
4. Responsible

III. Find the correctly spelt words.

1.d.....

2.a.....

3.a.....

4.c.....

5.a.....

6.b.....

IV. Find the correct position of words in the sentence.

Sl. No	1	2	3	4	5
1	1	3	2	5	4
2	1	3	2	4	5
3	2	4	1	3	5
4	1	3	5	4	2
5	1	3	1	5	4
6	1	4	2	5	3
7	1	3	2	4	5

IV. Find the correct meaning of proverbs.

1.b.....

2.a.....

IV. Match the following.

1.b.....

2.a.....

3.d.....

4.e.....

5.f.....

6.g.....

7.i.....

8.j.....

9.h.....

10.c.....

**DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION,
PALA, KOTTAYAM, KERALA – 686575**

**TEST ON VOCABULARY ACQUISITION IN ENGLISH
ANSWER SHEET**

Supervisor: Dr. Manju Joseph

Investigator: Aparna Muralidharan

I. Finding Works

<p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p>	<p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p>
---	--

I. Word Making.

a.

--	--	--	--	--	--	--	--

b.

--	--	--	--	--	--	--	--

c.

--	--	--	--	--	--	--	--

d.

--	--	--	--	--	--	--	--	--	--

II. Find the correctly spelt words.

1.
2.
3.

4.

5.

6.

III. Find the correct position of words in the sentence.

Sl. No	1	2	3	4	5
1					
2					
3					
4					
5					
6					
7					

IV. Find the correct meaning of proverbs.

1.

2.

V. Match the following.

1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

DEPARTMENT OF POST GRADUATE STUDIES IN EDUCATION
ST. THOMAS COLLEGE OF TEACHER EDUCATION, PALA
KOTTAYAM, KERALA - 686575

CREATIVE EXPRESSION TEST IN MALAYALAM LANGUAGE

Supervisor: Dr.T.M Mollykutty

Name of Investigator: Sheeja Jose

വിദ്യാർത്ഥിയുടെ പേര് :

Time : 45 Minutes

വിദ്യാലയത്തിന്റെ പേര് : സെന്റ് മേരീസ് ഹൈസ്കൂൾ, കിടങ്ങൂർ

Score : 30

ക്ലാസ്സ് : X

എല്ലാ ചോദ്യങ്ങൾക്കും ഉത്തരമെഴുതുക.

1. ശ്രീകൃഷ്ണൻ എന്നു കേൾക്കുമ്പോൾ പെട്ടെന്ന് നിങ്ങളുടെ മനസ്സിലേക്ക് കടന്നുവരുന്ന സങ്കല്പം എഴുതുക. (2)

2. നിങ്ങളുടെ മനസ്സിൽ തങ്ങിനിൽക്കുന്ന ശ്രീകൃഷ്ണന്റെ ഏതെങ്കിലുമൊരു ബാലലീല എഴുതുക. (2)

3. ശ്രീകൃഷ്ണനോടൊപ്പം ഒരു ഉല്ലാസയാത്രയിൽ പങ്കെടുക്കുവാൻ നിങ്ങൾക്കവസരം ലഭിക്കുന്നുവെങ്കിൽ നിങ്ങൾ എങ്ങനെ പ്രയോജനപ്പെടുത്തുമെന്ന് എഴുതുക. (2)

4. തന്നിരിക്കുന്ന കവിതാഭാഗം വായിച്ച് ചോദ്യങ്ങൾക്ക് ഉത്തരമെഴുതുക. (2)

ആഴിനേർവർണ്ണന്റെ ചേവടിത്താരിണ
പുഴിയിൽക്കൊന്നായി പോകുംനേരം
തേരിൽനിന്നനേരം പാരിലിറങ്ങീട്ടു
പാരാതെ കുന്വിട്ടു കൂപ്പിനിന്നാൽ
ആഴംപുണ്ടിടുന്നോരാമോദം തന്നാലേ
പുഴിയിൽവീണു പുരണ്ടാൽ ചെമ്മേ

ശ്രീകൃഷ്ണ ഭക്തനായ അക്രൂരൻ അമ്പാടിയിലേക്ക് ശ്രീകൃഷ്ണനെ ക്ഷണി
ക്കാനായി പോകുന്നു. ശ്രീകൃഷ്ണപാദങ്ങൾ പുഴിയിൽക്കണ്ട അക്രൂരൻ
തേരിൽനിന്നിറങ്ങി കൃഷ്ണപാദങ്ങളെ കുന്വിട്ടു വണങ്ങുന്നു. അക്രൂരന്റെ ഈ
ഭക്തി നിങ്ങളിൽ എന്തൊക്കെ മാറ്റങ്ങളാണ് ജനിപ്പിക്കുന്നത്?

5. അക്രൂരൻ ശ്രീകൃഷ്ണനെ കാണുന്നത് പുണ്യമായി അനുഭവപ്പെടുന്നു.
അക്രൂരന്റെ സ്ഥാനത്ത് നിങ്ങളാണെങ്കിൽ ഉണ്ടാകുന്ന അനുഭവം
എപ്രകാരമായിരിക്കും? (2)

6. കുറേനാളുകൾക്കുശേഷം നിങ്ങളുടെ പ്രിയപ്പെട്ട സുഹൃത്തിനെ കാണാൻ
ഇടയാകുന്നുവെങ്കിൽ എപ്രകാരമാണ് ആ സന്തോഷം നിങ്ങൾ പ്രകടിപ്പിക്കുന്നത്?
(2)

7. ഒരു കളിക്കൂട്ടുകാരനായി പുഞ്ചിരിക്കുന്ന മുഖത്തോടെ നിങ്ങളുടെ ഇടയിലേക്ക്
ശ്രീകൃഷ്ണൻ വന്നാൽ എങ്ങനെയാണ് നിങ്ങൾ സ്വീകരിക്കുന്നത്? (2)

8. നിങ്ങളുടെ അരികിലെത്തിയ ശ്രീകൃഷ്ണനോട് നിങ്ങൾ പങ്കുവയ്ക്കാൻ ആഗ്രഹിക്കുന്ന കാര്യങ്ങൾ എന്തൊക്കെയാണ്? (2)
9. ശ്രീകൃഷ്ണൻ എന്ന പദത്തിന് മറ്റ് നാമങ്ങൾ ഉപയോഗിച്ച് വ്യത്യസ്തമായ രീതിയിൽ പദസൂര്യൻ നിർമ്മിക്കുക. (3)
10. മായംകളഞ്ഞുള്ള മാമുനിമാരുടെ (1)
 മാനസമായൊരു മന്ദിരത്തിൽ
 ഇവിടെ വിശേഷണപദമായി ഉപയോഗിക്കുന്നപദമാണ് മാനസമായൊരു
 അങ്ങനെയെങ്കിൽ
 പുഞ്ചിരിയായൊരു തൂനിലാവേറ്റു -
 നെഞ്ചിത്തമായുള്ളൊരാമ്പൽ ചെമ്മേ - ഈ വരികളിലെ വിശേഷണപദം
 കണ്ടെത്തി എഴുതുക.
11. കാലികറന്നുള്ളൊരോച്ചയുണ്ടെങ്ങുമേ (1)
 ബാലന്മാർ കോലുന്ന ലീലകളും - ഈ വരികളിൽ ആവർത്തിക്കുന്ന അക്ഷരങ്ങൾ
 കണ്ടെത്തി എഴുതുക?
12. നിങ്ങളുടെ ഏറ്റവും അടുത്ത സുഹൃത്തിൽ നിന്നും നിങ്ങൾ ആഗ്രഹിക്കുന്ന
 ഗുണങ്ങൾ എഴുതുക. (2)

13. നിങ്ങളുടെ ജീവിതത്തെ ഏറ്റവും അധികമായി ആകർഷിച്ച വ്യക്തിയും ആ വ്യക്തിയിൽ നിങ്ങൾക്കുണ്ടു നന്മകളും എഴുതുക? (2)

14. താഴെ തന്നിരിക്കുന്ന ചിത്രം നിരീക്ഷിച്ച് നിങ്ങളുടെ മനസ്സിലേയ്ക്ക് കടന്നുവരുന്ന കാഴ്ചപ്പാടുകൾ എഴുതുക? (2)



15. സംഭാഷണം പൂർത്തിയാക്കുക. (3)

- കുചേലന്റെ ഭാര്യ - ഒരു നേരത്തെ ആഹാരംകൂടി കഴിക്കാനില്ലാതെ നമ്മൾ കഷ്ടപ്പെടുന്നു. ജീർണ്ണിച്ച് പഴകിയ നമ്മുടെ കുടിൽ അധികം താമസിയാതെ തകർന്ന് വീഴും
- കുചേലൻ - ഓരോ മനുഷ്യരും അവരവരുടെ കർമ്മഫലം അനുഭവിച്ച് തീർക്കുക തന്നെ വേണം
- ഭാര്യ - നമ്മുടെ ദാരിദ്ര്യത്തെപ്പറ്റി അങ്ങയുടെ സതീർത്ഥ്യനും ലോകനാഥനുമായ ശ്രീകൃഷ്ണൻ അറിയാതിരിക്കുമോ?
- ശ്രീകൃഷ്ണൻ - ഈ ലോക സുഖങ്ങൾക്കുവേണ്ടിയല്ല ഞാൻ ആകരുണാമയനായ ശ്രീകൃഷ്ണനെ പൂജിക്കുന്നത്.
- ഭാര്യ - പ്രിയനേ... അങ്ങ് വളരെക്കാലമായി കണ്ടിട്ടില്ലാത്ത അങ്ങയുടെ സതീർത്ഥ്യന്റെ അടുക്കൽച്ചെന്ന് ഒന്ന് കണ്ടുവരിക. അങ്ങ് അദ്ദേഹത്തോട് ഒന്നും യാചിക്കേണ്ട. ഭഗവാനെ കണ്ടാൽത്തന്നെ നമ്മുടെ

ദുഃഖങ്ങൾ ഇല്ലാതാകും. തന്റെ പത്നിയുടെ പ്രേരണയാൽ അദ്ദേഹം യാത്രയാകുന്നു. തുടർന്നുള്ള സംഭാഷണങ്ങൾ എഴുതി പൂർത്തിയാക്കുക.

കുചേലൻ -

ശ്രീകൃഷ്ണൻ -

കുചേലൻ -

ശ്രീകൃഷ്ണൻ -