

**S-38-A**

**MIDTERM EXAMINATIONS (2018 - 19)**  
**GENERAL SCIENCE**

(English Medium)

**PART - A & B**

**Class : VII**

**(Max. Marks : 80)**

**Time : 2.45 Hrs.**

**Instructions :**

1. The question paper contains two sections. Part - A & Part - B
2. Part-A is divided into three sections. For Part-A, answers should write in answerpaper and for Part-B, answer in the bitpaper itself.
3. 15 mnts time is allotted exclusively for reading the question paper and 2.30 Hr. for writing answers.
4. Answer all the questions. Internal choice is given only for Section-III of Part - A.

**Marks : 60**

**PART-A**

**Time : 2 Hrs.**

**Section - I**

**Note :** 1. Answer the questions in two or three sentences.

2. Each question carries 2 Marks.  $4 \times 2 = 8$

1. Make a list of food items that contain all components of food. What is the diet that contain all the components of food called ?
2. What are the differences between the fleece of Angora goat & camel.
3. Turmeric stains on white clothes, when washed with soap, turns red. Why?
4. What type of clothes do you want to wear during winter season ? Which thread they are generally made of ? Why do you choose them during winter season ?

**Section - II**

**Note :** 1. Answer the following questions.

2. Each question carries 4 Marks.  $5 \times 4 = 20$

5. How is water useful to our body ? Explain.
6. Acidic, basic and neutral solutions are given in three test tubes and you are given a strip of red litmus. How will you identify the three solutions ?

**P.T.O**

7. a) When do you say an object is rotatory motion ?  
 b) John tied a stone to a string and whirled it around. What type of motion do you find there ?
8. a) Why do we just a clinical thermometer before we measure body temperature?  
 b) What other precautions do you take while using clinical thermometer ?
9. What will happen if cocoons are not stifled ?

### Section - III

**Note :** 1. Answer all the following questions.

2. Each question carries 8 marks.

4 × 8 = 32

10. Make a list of food items eaten during lunch by you. Try to mention the components in each food item.

(OR)

Write six differences between wool manufacturing and silk manufacturing. What are the proteins present in woolen and silk fibers ?

11. Prepare Kichidi with your mothers help using all kinds of available vegetables, nuts, dals etc. Write a note on the process of preparation of Kichidi.

(OR)

The vinegar, lemon juice, soapy water, baking soda in different vessels. Put beetroot pieces in the vessels. Predict what happens ? Verify your observations of the changes. After 10 minutes, 30 minutes, 60 minutes. What do you conclude ?

12. Here are some of the acids and bases that we use in our daily life given in the tables.

Acid	Found in substances
Citric acid	Lemon, Orange
Malic acid	Apples
Lactic acid	Curd, Buttermilk
Uric acid	Urine
Oxalic acid	Spinach, Tomato
Actic acid	Vinegar

Base	Found in substance
Calcium Hydroxide	Lime water
Sodium Hydroxide	Soaps
Magnesium Hydroxide	Milk of magnesium (Antacid)
Ammonium Hydroxide	Glass Cleaners

After careful reading of above tables, answer the following questions.

- Colin, a product used to clean windows, contains the base .....
- What is the acid we use to make pulihora, our favourite food item.
- What is the base generally found in Gelusil, a medicine for antacid.
- Is our urine acidic or basic ?

How can you identify a solution acidic or basic by using blue and red litmus papers?

(OR)

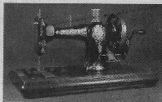
Observe the following figures and answer the questions.



(a) A car travelling along a straight line



(b) Motion of blades of a ceiling fan



(c) Motion of needle in running sewing machine



(d) Motion of Pendulum in clock

- i) Name the type of motion in the above things you find. 4M
- (a) ..... (b) .....
- (c) ..... (d) .....
- ii) In which of the motions ? The motion repeats in the same direction ?
- iii) Which of the objects move in a straight line ?
- iv) Which of the objects move in a curved line ?
- v) The motion is uniform in ..... ( )
- a) Needle                      b) Pendulum                      c) Needle and Pendulum
13. Draw labelled diagram of Life cycle of silkworm. Which stage of silkworm used for reeling threads.

(OR)

Draw diagram of clinical thermometer and label its parts. What is the use of kink.



Regd. No. **S-38-B**Marks : **MIDTERM EXAMINATIONS (2018 - 19)****GENERAL SCIENCE**

(English Medium)

**Part - B**

Class : VII ]

(Marks : 20)

Time : 30 min.

Academic standard	AS <sub>1</sub>		AS <sub>2</sub>			AS <sub>3</sub>	AS <sub>4</sub>	AS <sub>5</sub>	AS <sub>6</sub>	Total	Grade
	1, 2, 5, 7, 10	14-25	3	9	26-27	6, 11	12, 28, 29, 30, 31	13	8, 4, 32, 33		
No. of questions											
Marks allotted	32	32	08	08	08	12	12	08	08	80	80
Marks Scored											

Name of the Student : ..... Roll No.: .....

Note :1. Answer all the questions.

2. Each question carries 1 mark.

20 × 1 = 20M

14. The substance that prevent constipation is [     ]  
 A) Carbohydrates                      B) Proteins  
 C) Roughages                            D) Fats
15. To protect our teeth from decay we are advised to brush our teeth regularly.  
 The nature of the toothpaste commonly used is [     ]  
 A) Acidic                                    B) Basic  
 C) Neutral                                  D) Baking soda
16. Which of the following is a natural fibre ? [     ]  
 A) Silk                                        B) Wool  
 C) Cotton                                    D) All the above
17. Animal fibre is a ..... while plant fibre is a ..... [     ]  
 A) Cellulose, Protein                    B) Vitamin, Protein  
 C) Protein, Cellulose                    D) Protein, Vitamin

P.T.O

18. Units of speed are ..... [     ]  
 A) Km/hr     B) M/sec     C) sec/cm     D) Both A & B
19. Motin of football in play ground is ..... [     ]  
 A) Circular     B) Translatory     C) Random     D) Oscillatory
20. Which of the following instrument is used for measuring day to day temperatures ? [     ]  
 A) Six's maximum minimum thermometer

- B) Speedometer     C) Clinical Thermometer  
 D) All the above

21. Column - I     Column - II
- a) Clinical thermometer (     )     i) A form of energy  
 b) Normal temperature of (     )     ii) Kink  
    human body  
 c) Heat (     )     iii) 100°C  
 d) Boiling point of water (     )     iv) 37°C

Match the above

- A) i, ii, iii, iv     B) iii, iv, ii, i  
 C) iv, iii, i, ii     D) ii, iv, i, iii

22. Our daily diet should contain plenty of ..... [     ]  
 A) Water and Carbohydrates     B) Roughages and Water  
 C) Roughages and Vitamins     D) Carbohydrates and Fats
23. Rearing of silkworms is called ..... [     ]  
 A) Vermiculture     B) Apiculture  
 C) Cericulture     D) Agriculture

24. Which one of the following is **not** a rotatory motion? [ ]
- the motion of wheel-rotatory motion
  - the motion of a pedal with its arm - rotatory motion
  - the movement rider along with the bicycle rotatory motion
  - the movement of a girl in a swing - rotatory motion
- A) a, b      B) a, c      C) b, d      D) c, d
25. The objects possess both translatory and rotatory motion at the same time are ..... [ ]
- Rolling ball on the ground
  - The needle of a running sewing machine
  - Motion of a drill bit
  - Pendulum in a clock
- A) a, b      B) a, c      C) a, d      D) All the above
26. Ramu is going to plan a trip of Kashmir. Which type of clothes he may choose to take. [ ]
- A) Cotton      B) Silk      C) Wool      D) Cotton, Silk, Wool
27. Which of the following is acidic in nature? [ ]
- Lemon juice
  - Baking soda
  - Lime water
  - Antacid
28. One car travels as follows. [ ]

Time in seconds	Distance in meters
0	0
10	50
20	90
30	160

The type of motion is

- Uniform motion
- Non-uniform motion
- Circulatory motion
- Linear motion

29. Ravi has body temperature of  $98.4^{\circ}\text{F}$ . While Sunil has  $99.4^{\circ}\text{F}$ . Who is suffering from fever? [ ]

- A) Sunil      B) Ravi      C) Both      D) Noone

By using laboratory thermometer Ravi recorded temperatures of few days at lunch time. The data is below. Read the data and answer 30 & 31 questions.

Day	Date	Temperature
1	4.4.2018	$39^{\circ}\text{C}$
2	5.4.2018	$40^{\circ}\text{C}$
3	6.4.2018	$42^{\circ}\text{C}$
4	7.4.2018	$40^{\circ}\text{C}$

30. On which day was the temperature lowest? [ ]

- A) Day 1 & day 2      B) Day 4  
C) Day 2 & 4      D) None of the above

31. What is the highest temperature among all the days? [ ]

- A)  $40^{\circ}\text{C}$       B)  $42^{\circ}\text{C}$       C)  $39^{\circ}\text{C}$       D) None of the above

32. Stopwatch in our school is used in [ ]

- A) School bell      B) Wrist watch  
C) School Assembly      D) Running race

33. To prevent damages in our digestive system, we should avoid ..... foods. [ ]

- A) Junk      B) Fibre rich  
C) Protein      D) Water