

46-A

SUMMATIVE ASSESSMENT - I - 2017-2018 GENERAL SCIENCE

(English Medium)

PART - A & B

Class : VII

(Max. Marks : 80)

Time : 2.45 Hrs.

Instructions :

1. 15 Minutes are allotted for reading the question paper (Part A & B) in addition to 2.30 hours for writing the answers.
2. Part - A answers should be written in a separate answer book.
3. There are three Sections in Part - A.
4. Answer all the questions.
5. Every answer should be visible and legible.
6. There is internal choice in Section - III.
7. Part-A & B should be given at the beginning of the exam only.

Marks : 60

PART-A

Section - I

Note 1. Answer all the Questions.

2. Each Question carries 2 Marks

3. Answer each question in 1 or 2 sentences $4 \times 2 = 8$

1. Manohar said that wax can be used instead of mercury in thermocenter. Sudhakar did not agree with him. Whom do you support? why?
2. What is a searing? Why is grease applied to the body of sheep during shearing?
3. Santha stored Tomato pickle in a copper container. Guess what would be the consequences?
4. Praveen is suffering from fever. He wants to measure his body temperature. What precautions will you suggest to him, while using clinical thermometer?

Section - II

Note

1. Answer all the Questions.

2. Each Question carries 4 Marks

5 × 4 = 20

5. Identify the type of motion of parts in a sewing machine when it runs.

S.No	Part	Type of motion
1.	The wheel	
2.	The needle	
3.	The cloth	
4.	The pedal	

6. Prepare a question to interview a person making woollen clothes to know about the production of woollen fabric.
7. Samu took some zinc powder in a test tube, added zinc to that and produced a burning match stick in the test tube. What did he observe? What are his inferences of that experiment?
8. Study the given information and answer the questions.

Hair of camel that lives in Rajasthan is not same as Angora goat that lives in Kashmir. Camels have long and coarse hair. Unlike this rough hair some animals usually have soft hair as well. Angora goat or the Merino sheep have soft hair.

- i) What do we get from the hair of these animals?
- ii) What are the differences between the hair of camel and Angora goat?
9. Jawahar does not want to eat peas of fruits and vegetables. How can you convince him? What precautions will you suggest him while eating fruits along with peas?

Section - III

Note: 1. Answer all the Questions.

2. Each Question has internal choice.

3. Each Question carries 8 Marks


4 × 8 = 32

10. a) What is balanced diet? How can one make a healthy diet a balanced one?

(OR)

- b) What do you understand by the following terms. Explain one example?

i) Translatory motion ii) Rotatory motion iii) Oscillatory motion

11. a)  i) What is the aim of the activity shown in the diagram.

ii) What are the required materials to conduct this activity?

iii) What do you observe during this activity?

iv) What do you understand by this activity?

(OR)

- b) How can you show that liquids expand on heating?

12. a) Study the given table and answer the questions.

Activity	Acid	Base
Taste	Sour	Bitter
Litmus	Blue to Red	Red to Blue
Phenolphthalein	Colourless	Pink
Methyl orange	Red	Yellow

i) What do you understand by the term 'Acid'?

ii) What do you understand by the term 'Base'?

iii) What are the indicators mentioned in the table?

iv) Mention two examples each of acids and bases from your day to day life?

(OR)

12) Speed of two cars has been shown in the given graph. Study the graph and answer the questions.



- Which car travelled with more average speed?
 - Which car is showing non uniform motion? How can you say that?
 - Which car is showing uniform motion? How can you say that?
 - At what point of time both the cars reach at the same distance?
13. a) Draw the correct labelled diagram of a clinical thermometer;

(OR)



- Pupa
- Larva
- Egg
- Imago

b) What is the normal body temperature of human beings.

- What does the given diagram represent?
- Label the parts 1, 2, 3 and 4 of the diagram.
- At what stage of it, we can get fever?
- At what stage, it feed on mulberry leaves?
- At what stage, the insect comes out from the cocoon?

Regd.No. **46-B**Marks: **SUMMATIVE ASSESSMENT - I - 2017-2018****GENERAL SCIENCE**

(English Medium)

Class - VII

Part - B

Time : 30minutes

Marks : 20

Academic standard	AS ₁					AS ₂					AS ₃					I n t e r m a l	G r a d e
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Q.No's																	
Marks																	
Total																	

Name of the Student: Roll No.:

Note:

- Choose the correct answers from the options given and write the CAPITAL Letter regrading
- Each Question carries 1 mark

14. Match the following: (1)

i) James Lind (1) x) thermometer

ii) Henry Cavendish (1) y) Hydrogen

iii) Galileo (1) z) Scary

A) i - x, ii - y, iii - z B) i - y, ii - x, iii - z


C) i - y, ii - x, iii - z D) i - x, ii - y, iii - z

15. The base used in Bleaching powder is (1)

A) Ammonium Hydroxide B) Potassium Hydroxide

C) Sodium Hydroxide D) Calcium Hydroxide

16. X - Silk moths are called "chilokala"
 Y - Another name of these moths is "Dombys moths"
 The correct statement is ()
 A) X B) Y C) X & Y D) None of these
17. Find the odd one out ()
 A) Movement of hands of clock B) Movement of butterfly
 C) The fan in an air cooler running at fixed speed
 D) Rotation of Earth
18. We should not use the laboratory thermometer to measure our body temperature. Reason. ()
 A) This shows more temperature than our body
 B) This has some harmful chemical that enters our body
 C) This doesn't have leak to prevent Mercury level from falling on its own
 D) All the above
19. I am a component of food that makes paper translucent when it is ()
 A) Carbohydrate B) Protein
 C) Fat D) Mineral
20. Kolhara said that all substances whose solutions are made of are not salts. Example to support his statement is ()
 A) Copper sulphate B) Sodium chloride
 C) Sugar D) Potassium chloride
21. Animal fibre comes from plant fibre? ()
 A) Carbohydrate B) Protein C) Lipid D) None of these
22. Which of the following statements is correct ()
 1. The basic unit of time is second.
 2. Every 60 years motion is uniform.
 3. The speed of the car is expressed in km/h
 A) 1,2 B) 2,3 C) 1,2 D) Only

23. (i) Alcohol can measure very low temperatures
(ii) Its expansion per degree Celsius rise in temperature is very high.
A) (i) is true and (ii) is false H) (i) is true and (ii) is the reason for (i)
C) (i) is false and (ii) is true D) (ii) is true and (i) is the reason for (ii)
24. The main sources of energy are
A) Carbohydrates - body building
H) Oils & fats - Energy giving
C) Fibre - Bulk forming
D) vitamins & mineral - Micro-nutrients.
25. Acid present in vinegar
A) Citric acid B) Ascorbic acid
C) Acetic acid D) Lactic acid
26. Knitting is the process of making fabric from
A) Silk yarn B) Cotton yarn C) Woolen yarn D) All the above
27. The type of motion that we can observe in the given diagram is
A) Rotatory motion B) Rectilinear motion
C) Oscillatory motion D) All the above
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28. Indicator among the following is
A) Banana H) Yam root C) Corn D) Apple
29. When Methyl orange is mixed with lemon juice, it turns
A) Red H) Blue C) Yellow D) Green
30. What happens, if bleaching is not done to the wool
A) Dyeing becomes difficult
B) We never get different colour wool
C) We will get coloured wool naturally
D) Both A & B

30. Ra'gnath has been applying a lot of chemical fertilizers to his field for the last few years. The consequences are ()
- A) Increases the production of crops forever
 B) Changes the nature of the soil.
 C) Soil becomes more fertile
 D) He will get more yield
31. Agus wants to measure the temperature of water. This is a meter that you can suggest to her is ()
- A) Clinical thermometer D) Laboratory thermometer
 C) Infrared thermometer D) gas-maximum-minimum thermometer
32. Rupa wants to protect her tooth decay. What kind of tooth paste do you advise her? ()
- A) Acidic B) Neutral C) Basic D) Salt