

**SUMMATIVE ASSESSMENT - I - 2016 - 2017**  
**GENERAL SCIENCE**

(English Medium)

**PART - A & B**

**Class : VII ]**

**(Max. Marks : 80)**

**[ Time : 2.45 Mts.**

**Marks : 60 ]**

**Part - A**

**Instructions :**

1. This question paper contains two sections Part - A & Part - B.
2. Part - A is divided into three sections. Part - A answers should write in answer paper and Part - B answers in the bit paper itself.
3. 15 mts. time is allotted exclusively for reading the question paper and 2.30 hr. for writing answers.
4. Answer all the questions. Internal choice is only for section - III.

**SECTION - I**

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

2. Each question carries two marks.

**4 x 2 = 8**

1. Bhavana's mother removing the peel of the Ribgourd to make curry. Bhavan told that eating vegetables without removing peel is good. Why did she said like that.
2. What questions you ask your class teacher on preparing and preserving the food ?
3. When rice is being cooked you can observe the plate jumps on the rice bowl. Through this observation what concepts you learnt ?
4. We listen to radio or watch T.V. for weather forecast. What is the need of knowing weather forecast in day to day life ?

**[ Turn Over...**

## SECTION - II

Note : 1. Answer the following questions.

2. Each question carries 4 marks.

5 x 4 = 20

5. What difference do you find in the movement of the hands of a clock and the body movements of a butterfly? In these two movements in which case is the change of position with time is constant?
6. Ravi is telling that the rain will come. How can he guess like that?
7. Ganesh recorded the maximum temperature at his village for 5 days in the

table.	Day	Date	Max.temperature
	1	14.08.2016	32 <sup>0</sup>
	2	15.08.2016	31 <sup>0</sup>
	3	16.08.2016	31 <sup>0</sup>
	4	17.08.2016	34 <sup>0</sup>
	5	18.08.2016	31 <sup>0</sup>

Answers the following questions:

1. When did the maximum temperature recorded.
2. When did the minimum temperature recorded.
3. On which days the temperature is same
4. Guess what will be the temperature on 6th day.
8. Look at the picture 'THALI'. List out the food items and nutrients in them.



Food items	Food components
1.	
2.	
3.	
4.	
5.	

[ Contd...3



9. In our daily life we come across many occasions of using of acids, bases and salts: Mention the occasions.

**SECTION - III**

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

2. Each question carries 8 marks.

**4 x 8 = 32**

10. (A) Write a Flow chart of different stages of making woollen clothes from Wool.

(Or)

- (B) i) Pranitha is suffering from fever. She went to a doctor. To know the temperature the doctor made a jerk to the clinical thermometer? Why do the doctor do so?

- ii) What are the two types of scales, mention the maximum and minimum readings marked on the clinical Thermometer?

11. (A) The speed of a bus is 72 km/h, whereas the speed of a car is 12.5 m/s. Calculate which vehicle moves faster?

(Or)

- (B) Look at the following pictures. Identify the motions and give some more examples to the motions?



Name of the motion : \_\_\_\_\_

Examples \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**[ Turn Over...**

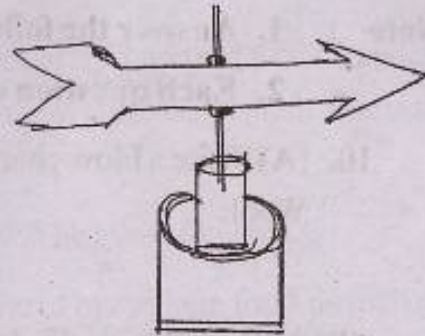
12. (A) Srikanth performed a test and found that proteins are present in the sambar provided in the Midday meals in his school. What are the materials required for the test? How can he tests?

(Or)

- (B) 1) What you can find by using this instrument?

2) What are the materials required?

3) Write the procedure.



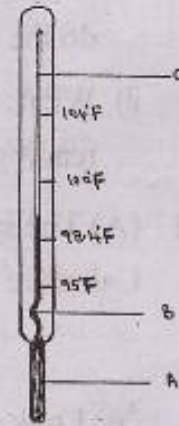
13. **Observe the diagram and write your answer.**

1) What is the name of this instrument?

2) Liquid present in the instrument?

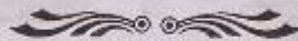
3) Write the names of A, B and C.

4) What you know with this instrument?



(Or)

- (B) Draw the Life cycle of silk mark. What is the stage we get silk fibre.





Regd. No. : **46-A**Marks : **SUMMATIVE ASSESSMENT - I - 2016 - 2017****GENERAL SCIENCE**

(English Medium)

**PART - B**

Class : VII ]

(Max. Marks : 20)

Name of the student : ..... Roll No. : .....

Academic Standard	1	2	3	4	5	6	Total	Grade
No's of the Questions	1,5,10,11 14 - 23	2,6 24,25	3,12 26,27	7,8 28-31	13	4,9 32,33	33	
Marks Allotted	32	8	12	12	8	8	80	
Marks Scored								

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

2. Each question carries 1 mark.

14. Eating of junk food causes damage to ( )

- A) Respiratory system                      B) Digestive system  
C) Excretory system                        D) Nervous system

15. Among these which is the Glass Cleaner ( )

- A) Calcium hydroxide                      B) Sodium hydroxide  
C) Magnesium hydroxide                    D) Ammonium hydroxide

16. The sequence in the life cycle of silkworm is ( )

- A) Larva            egg                      imago            pupa  
B) Egg              larva                      pupa              imago  
C) Egg              pupa                      larva              imago  
D) Imago           pupa                      larva              egg

**[ Turn Over...**

17. Which of the following is not an oscillatory motion? ( )

- A) Motion of the hammer of an electric bell
- B) Motion of your hands while running
- C) Motion of a child on a see-saw
- D) Motion of a horse pulling a cart

18. Identify the right sentence ( )

- 1. heat is a form of energy
- 2. heat flows from an object at high temperature to another at lower temperature

- A) 1<sup>st</sup> sentence
- B) 2<sup>nd</sup> sentence
- C) 1 and 2
- D) None of these

19. Acid rains causes due to \_\_\_\_\_ ( )

- A) Sulphuric acid
- B) Venigar
- C) Oxalic acid
- D) Lactic acid

20. Match the following. ( )

A

B

- |  |   |  |
|--|---|--|
| 1. Six maximum and minimum thermometer | - | i) Measuring the rainfall                    |
| 2. Rain guage                          | - | ii) Speed of the wind                        |
| 3. Anemometer                          | - | iii) Travelled distance                      |
| 4. Odometer                            | - | iv) Maximum and minimum temperature of a day |

- A) 1 - i, 2 - ii, 3 - iii, 4 - iv
- B) 1 - iv, 2 - iii, 3 - ii, 4 - i
- C) 1 - iv, 2 - i, 3 - ii, 4 - iii
- D) 1 - iii, 2 - ii, 3 - i, 4 - iv

21. This symbol used in weather forecast for ( )

- A) Rain
- B) Thunder
- C) Sunny
- D) Cloudy



22. The substances that prevent constipation is ( )

- A) Carbohydrates
- B) Proteins
- C) Roughages
- D) Fats



23. Humidity is \_\_\_\_\_ ( )

- A) The percentage of heat of the region
- B) The rainfall of the region
- C) Percentage of moisture in the air
- D) Percentage of air of the region

24. Match the following ( )

**List - I**

**List - II**

- 1. The girl on a swing
- 2. Motion of blades of a Ceiling fan

- a. Rotatory motion
- b. Translatory motion

- 3. Bullet fired from gun

- c. Oscilatory motion

A) 1 - a, 2 - b, 3 - c

B) 1 - c, 2 - b, 3 - a

C) 1 - b, 2 - a, 3 - c

D) 1 - c, 2 - a, 3 - b

25. Ramu planned to visit Kashmir. Suggest him which cloths are best for his journey ( )

- A) Cotton
- B) Wool
- C) Nylon
- D) Silk

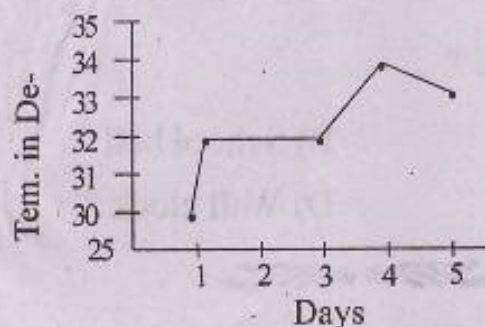
26. How do you test whether tamarind juice is an acid or base? ( )

- A) Through tasting
- B) With blue litmus paper
- C) Through touch
- D) A and B

27. Saleem wants to know the nutrients in Potato rice and wheat flour. Which chemical he may use and what is the change in the colour he may observe ( )

- A) Copper sulphate-Blue
- B) Iodine-Violet
- C) Iodine-Blueback
- D) Sodium Hydroxide-Violet

Observe the Graph and answer the following questions 28 and 29.



[ Turn Over...

28. For how many days did the temperature recorded in the graph ( )  
 A) 4                      B) 5                      C) 6                      D) 3
29. The difference between highest and lowest temperature is ( )  
 A)  $5^{\circ}\text{C}$                       B)  $4^{\circ}\text{C}$                       C)  $3^{\circ}\text{C}$                       D)  $10^{\circ}\text{C}$
30. One car travels as follows ( )

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

The type of motion is

- A) Uniform motion                      B) Non-uniform motion  
 C) Circulatory motion                      D) Linear motion
31. Ravi likes to eat thali. He insists that food contains all food components like proteins, carbohydrates, little fats, vitamins. Because ( )  
 A) He likes to eat all food components heavily  
 B) He wants to take low nutrients  
 C) To take balanced diet  
 D) He likes to eat at Hotels
32. A witch crafts cuts a lemon and pretends the red colour fluid as blood : as a science student, what is the chemical he applied on knife to become lime juice red in colour ( )  
 A) Methyl orange                      B) Phenolphthaleine  
 C) Lime water                      D) Soap water
33. Stop watch is used in ( )  
 A) Running races                      B) School bell  
 C) Wrist watch                      D) Wall clock

