

## SUMMATIVE ASSESSMENT - I : 2017-18

## BIOLOGICAL SCIENCE - PAPER - II

(English Medium)

PART - A &amp; B

Class : VIII

(Max. Marks : 40)

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 : 30

## PART-A

## Section - I

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

2. Each Question carries 1 Mark

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

1. What is the structural and functional unit of living body?
2. Give two examples for viral diseases?
3. Which milk is converted as curd. When you added a buttermilk?  
(a) Cool milk      (b) Hot milk      (c) Luke worm milk
4. What precautions do you take about pimples?

## Section - II

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

2. Each Question carries 2 Marks

 $5 \times 2 = 10$ 

5. Child marriage is social evil. Write some slogan's to make awarness on it?

6. Fill the following table

S.No	Animal	External ears Yes / No	Epidermal(hair) Yes / No	Oviparous / Viviparous
1	Rabbit			
2	Crow			
3	Lizard			
4	Men			

7. What are the additional materials do you need to make a permanent slide?
8. What questions do you pose to know about unicellular and multicellular organism's.
9. "Some of the cells can be seen with naked eyes", said Latha. What examples do you give to support her?

## Section - III

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

2. Each Question has internal choice

3. Each Question carries 4 Marks

4 × 4 = 16

10. a) Geetha said " All cells does not have same shape and parts", To support her statment Prepare a table with any four types of cells, their shape and parts that you observed?

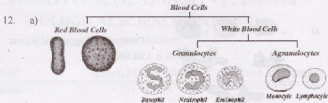
(OR)

b) Milk packets are printed as ' Pasteurised milk ', that you bought in the market. How is the milk Pasteurised? What is the use of it?

11. a) You observed the cells in onion peel in your science laboratory. Write a report on your observation

(OR)

b) Write about the curdling process of milk by bacteria.

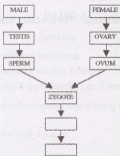


observe the above flowchart and answer the following:

- What are the main types in blood cells?
- Name the types in white blood cells according to granules?
- What are the types if agranulocytes?
- Which blood cell does not have nucleus?

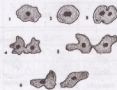
(OR)

b) Observe the given to flow chart and answer the following:



- Which type of the reproduction is represented by this flow chart?
- What are the male and female gametes?
- What is the name of the cell that is formed by fertilization?
- Give example for internal fertilization.

13. a)



Observe the diagram and answer the following:

- What is the name of organism that is shown in the figure?
- Which type of reproduction is shown in the diagram?
- How many daughter cells are formed in this process?
- Name the part that appears round in the middle of organism?

(OR)

- Draw the diagram of Chlamydomonas. Why it is called Unicellular?

Regd.No.

**50-B**

Marks:

**SUMMATIVE ASSESSMENT - I - 2017-2018****BIOLOGICAL SCIENCE - PAPER - II**

(English Medium)

Class - VIII

Part - B

Time : 30minutes

Marks : 10

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
PART - A	1,2,9,10	3,8	7,11	6,12	13	4,5		
PART - B	14-25* 30-33	26,28				27,29		
TOTAL	16	4	6	6	4	4		

NAME OF THE STUDENT : ..... ROLL No : .....

Note:

- Choose the correct answers from the options given and write the CAPITAL Letter regrading
- Each Question carries  $\frac{1}{2}$  mark

- Males voice is different from female voice because of ( )  
 A) Larynx number                      B) Larynx size  
 C) Larynx shape                        D) Larynx location
- A: Testis - Testosterone' ( )  
 B: Adrenal - Adrenalin. The correct matching is  
 A) only A    B) only B    C) A and B    D) None
- Name the process that un resembled young ones to their parents developed into resembled once ( )  
 A) Fertilization    B) Meta morphosis    C) Pollination    D) Internal fertilization

17. Find the false statement about the test tube baby ( )  
 A) Fertilization takes place in test tubes  
 B) Embryo develops in uterus  
 C) Embryo is developed in laboratory  
 D) Zygote is inserted in to uterus
18. Which vaccine is taken as oral drops ( )

A) O.P.V      B) D.P.T      C) M.M.R      D) Penta valent

19. A : In vaccination Antigens are introduced  
 B : In vaccination process Antidodies are produced in body ( )  
 A) only A is true      B) only B is true  
 C) A,B are true      D) A,B are false

20. 1) Yallapragada Subbarao ( )      a) Vaccine ( )  
 2) Alexander Flemming ( )      b) Antibiotics  
 3) Tones Salk ( )      c) Pencillin  
 4) Edward Jenner ( )      d) Polio vaccine

The correct matching is

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

21. Number of lence in Luewenhock microscope ( )  
 A) 1      B) 2      C) 3      D) 4
22. The Micro organism that have jointed legs ( )  
 A) Virus      B) Bacteria      C) Algae      D) Micro Orthropods
23. Which part in Amoeba helps to capture the food ( )  
 A) Nucleus      B) Plasma membrane      C) Pseudopodia      D) Cytoplasma
24. Testis → Testosterone → Sperms ( )  
 Ovaries →  → Ovum  
 A) Estrogen      B) Adrenalin      C) Growth hormone      D) L.H

25. A) In human fertilization takes place in uterus ( )  
B) In human development of embryo takes place in uterus  
A) A is true, B is false B) A is false, B is true  
C) A, B true D) A, B false
26. If the food is not preserved well ( )  
a) It leads to waste b) Micro organisms will grow  
c) Food is spoiled d) give bad smell  
A) A and B B) B and C C) C and A D) All are correct
27. Plasmodium is found in Ramu's blood cells. So he is suffering from ( )  
A) Malaria B) Typhoid C) Dengue D) Chicken pox
28. To observe the Rhizobium bacteria Seeta may select the root of ( )  
A) Neem B) Banyan C) Osimum D) Ground nut
29. A : Yeast is used in making of bread ( )  
B : Yeast is used in making of alcohol  
A) only A is true B) only B is true C) A, B are true D) A, B are false
30. Which micro organism is observed only through electron microscope ( )  
A) Yeast B) Virus C) Bacteria D) Algae
31. One student has a neat lab record. This is the process skill of ( )  
A) Measure B) Record data C) Predict D) Inference
32. Find the odd one ( )  
A) Ovary B) Uterus C) Fallopian D) Sperm
33. Name the endocrine gland that is not present in males ( )  
A) Thyroid B) Adrenal C) Testis D) Ovary