

SUMMATIVE ASSESSMENT - I - 2016 - 2017
GENERAL SCIENCE - Paper - II
(Biological Science)

(English Medium)

PART - A & B

(Max. Marks : 40)

Class : VIII]

[Time : 2.45 mts.

Instructions :

1. This question paper contains part A and part B.
2. Part A answers should write in answer paper and part B answer in the bit paper itself and attached it to the answer booklet of part A.
3. 15 minutes time is allotted exclusively for reading the question paper and 2.30 hrs for writing answers.
4. Answer all the questions. Internal choice is only in section III.

Marks : 30]

PART - A

SECTION - I

Note : 1) Answer all the questions.

2) Answer each question in 1 or 2 sentences.

3) Each question carries 1 mark.

4 x 1 = 4

1. Classify the following organisms into unicellular and multicellular.

Amoeba, Fish, earthworm, bacteria, camel, paramoecium, snake, human beings.

2. Rajani added buttermilk to milk. But it does not turned into curd. Guess what is the reason.
3. What are the questions do you ask to your Biology teacher to know about cloning in animals ?
4. What measures you take to conserve bio-diversity in your area.

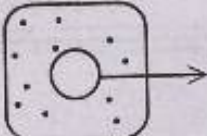
[Turn Over...

SECTION - IINote : 1) Answer all the questions in 3-4 sentences.

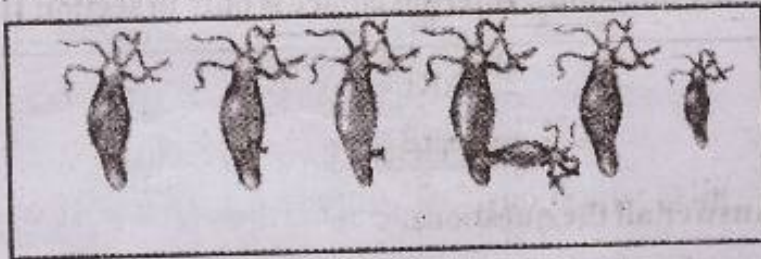
5 x 2 = 10

2) Each question carries 2 marks.

5. Deforestation affects the mankind. Our state Government launched the programme "VANAM-MANAM" to conserve the forests. Write any four slogans for the programme.

6.  Name the identified part in the cell and mention its functions.

7. You know Oral Polio drops are used eradication of Polio. To get more information about Vaccins what type of questions do you pose to a doctor.
8. You have already observed the following permanent slides under microscope in your laboratory.

**Answer the following questions :**

- Name the animal in the picture.
 - What type of reproduction is this ?
9. Madhu collected the following information about animals and tabulated. Answer the following questions based on the information.

Name of the Animal	Appears external ears	having hairs on the skin/ feathers on the wings
Frog	No	No hairs
Buffellow	Yes	Hairs on the skin
Rat	Yes	Hairs on the skin
Hen	No	Feathers on the wings

Now answer the questions :

- How can you say Frog and Lizard lays eggs.
- How the reproduction takes place in the animals which have hairs on the skin and having external ears?

[Contd...3

SECTION - III

Note : 1) Answer all the following questions.

2) Each question carries 4 Marks.

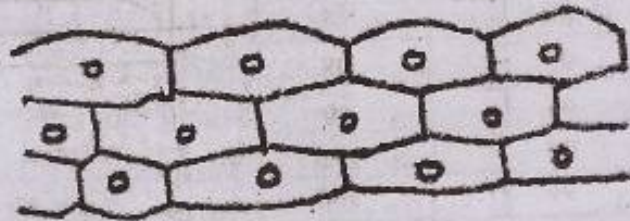
4 x 4 = 16

10. (A) We are giving Vaccines to children. How does it works in our body?

(Or)

(B) Write the differences between reproduction of human beings with Amoeba

11. (A) Write the procedure to observe the following cells in your laboratory.



(Or)

(B) You know Lacto bacillus place a vital role in making curd. How did you performed this experiment in your laboratory.

12. (A) Read the table:

Plant disease	Causative Micro organism	Mode of transmission
Citrus-Canker	Bacteria	Air
Red rot - sugarcane	Fungi	Air, seedlings
Tikka-ground nut	Fungi	Air, seedlings
Tobacco Mosaic	Virus	Insects
Smut in paddy	Fungi	Air

1. Write the diseases which are transmitted through air?

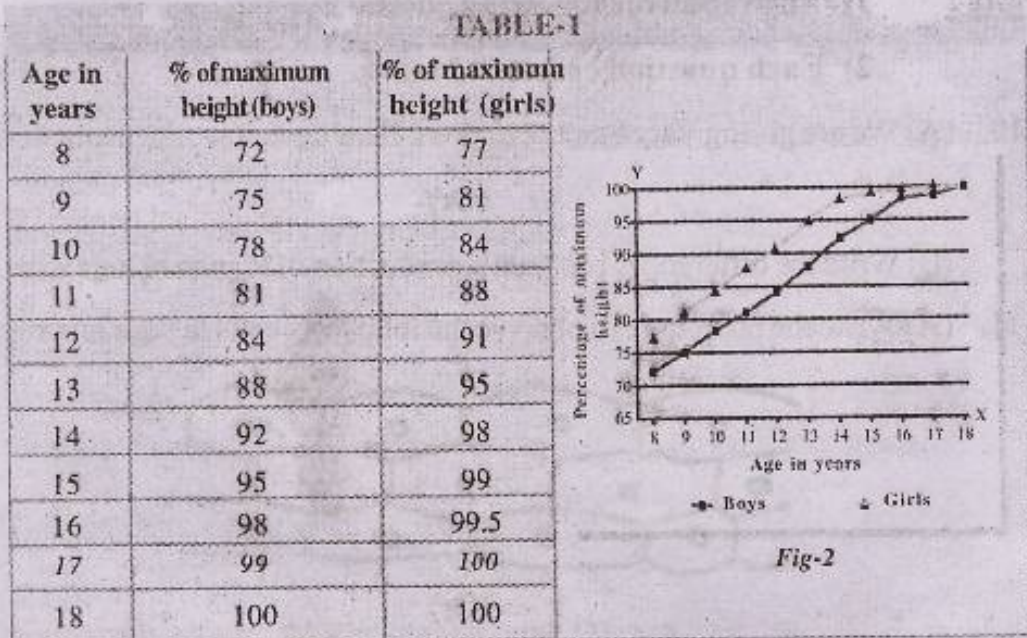
2. Name the diseases caused by fungal.

3. What are the ways to control of viral diseases.

4. What would you do to prevent the transmission of diseases in plants.

[Turn Over...

(B) Read the graph below and give answers.



1. Where did the growth will stop?
 2. What is the stage of rapid growth among the girls
 3. When did the growth stoped in the girls
 4. How do growth faster Boys and Girls.
13. Draw and label a neat diagram of Plant cell. What will happen if there is no cell wall.

(Or)

Observe the diagram and answer the following.

Questions :

- A) The diagram belongs to which system?
- B) Label the parts A, B, C.
- C) Which part releases the Ovum.
- D) Where did the Ovum enters.

