

Euroka

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STD : IX

DATE : 18-09-2017

MARKS : 40

SUB : SCIENCE-II

MODEL QUESTION PAPER

TIME - 2 HRS

Q.1 A i) Find the odd man out :-

2

1. lactobacilli, Rhizobia, yeast, Clostridia.
2. Cycas, Fern, Pteris, Thuja

ii) Match the column:

3

Column A

- i. Cholera
- ii. Funaria
- iii. Ptaris

Column B

- a) Pteridophyta
- b) Thallophyta
- c) Bacteria
- d) Bryophyta

Q.1 B Rewrite the following statement by choosing the correct option:- :-

5

1. Telephones are used for _____ information.
(a) Sharing (b) Storing (c) Managing (d) Classifying
2. Pteridophytas are known as _____
(a) Sea plant (b) Ferns (c) Club moss (d) Algae
3. Producers in the living world are _____
(a) Autotrophs (b) heterotrophs (c) herbivores (d) Carnivores
4. The 1st antibiotic called penicillin was extracted from _____
(a) bacterium (b) a fungus (c) a virus (d) algae
5. _____ is observed as world meteorological day.
(a) 23rd March (b) 21st June (c) 23rd April (d) 25th March

Q.2 Attempt any 5 out of 7 :

10

1. **Give reason :-** Equilibrium is necessary in the various bio-gas chemical cycles.
2. Complete the following table:

Biogeochemical Cycles	Biotic Process	Abiotic Process
1) Carbon cycle		
2) Nitrogen cycle		

3. Write the characteristic of subtaindom phanerogams

4. What is meant by 'probiotic' yoghurt and other foodshiffs that are popular nowadays?
5. (a) What is meant by solid waste?
(b) Which materials are included in solid dry waste?
6. What devices will you use to share with others the knowledge you have?
7. Write notes on climatic factor.

Q.3 Attempt any 5 out of 7 :

15

1. Which are the various devices used in information communication? How are they used in context of science.
2. Which technical difficulties did you face while using the computer? What did you do to over come then?
3. Write note on Monsoon model.
4. Write the name of pathogen which causes pneumonia and malaria and their preventive measures.
5. What is food web? IS the number of consumers in a food web fixed? Draw simple food web fixed? Draw simple food web.
6. (a) What is nitrogen fixation?
(b) Name organism responsible for nitrogen fixation.
(c) Define symbiosis.
7. Write characteristic of plant belonging to division Bryophyta.

Q.4 Attempt any 1 out of 2 :

5

1. (a) Name the microbe used for yoghurt formation.
(b) Describe the characteristic of this microbes
(c) Describe how yoghurt id formed.
2. State the scientific & ecofriendly methods of waste management.

*** BEST OF LUCK ***