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FOR MAHARASHTRA BOARD (MSBSHSE) CLASS 10 EXAM PREPARATION

Maharashtra Board (MSBSHSE) Class 10 2026 June Session Question Paper · Science Part 2

EXAM
Maharashtra Board (MSBSHSE) Class 10

YEAR
2026

TYPE
June Session Question Paper

SUBJECT
Science Part 2

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DATE : 25/06/2026 **SUBJECT : SCIENCE & TECHNOLOGY (72)** PART II (E)

TIME : 11.00 SYLLABUS : (REVISED COURSE)

DURATION : **2** Hours TOTAL PAGES : **4** TOTAL MARKS : **40**

Note :— (*i*) *All* questions are compulsory.
(*ii*) The numbers to the right of the questions indicate full marks.
(*iii*) In case of MCQs [Q. No. **1(A)**] only the first attempt will be evaluated and will be given credit.
(*iv*) Scientifically and technically correct, labelled diagrams should be drawn wherever necessary.
(*v*) Each new question should be started on the new page.

1. (A) Choose the correct alternative : **5**

(*i*) Flipper of whale is ..... type of evidence of evolution.
(*a*) Connecting link (*b*) Anatomical
(*c*) Embryological (*d*) Palaeontological

(*ii*) In humans, ... chromosome is responsible for maleness.
(*a*) X (*b*) Y
(*c*) XY (*d*) XX

(*iii*) Harmful bacteria like ..... in the intestine are destroyed due to probiotics.
(*a*) Lactobacillus (*b*) Clostridium
(*c*) Geobacter (*d*) Pseudomonas

(*iv*) Laughter Club is remedy to drive away ..... .
(*a*) Cancer (*b*) Diabetes
(*c*) Heart attack (*d*) Mental stress

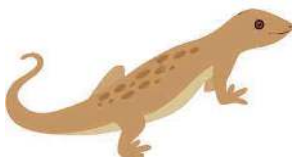
(*v*) Srishailam in Andhra Pradesh has ..... energy power plant.
(*a*) Hydroelectric (*b*) Wind
(*c*) Thermal (*d*) Solar

(B) Answer the following questions : **5**

(*i*) Select odd man out :
Prophase, Metaphase, Anaphase, Meiosis

(*ii*) Reorganize the following food chain :
Grasshopper — Snake — Paddy field — Eagle — Frog

(*iii*) Identify the class of the animal shown in the given diagram.

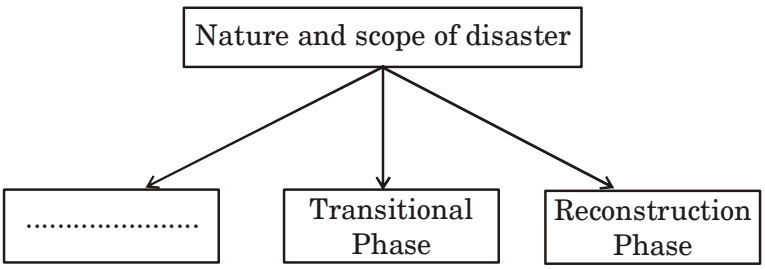


(*iv*) Complete the following correlations :
Interferon : Viral infection : : Erythropoietin : .....

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(*v*) Write the correct word in the box.



2. (A) Give scientific reasons (any *two*) : **4**

(*i*) Peripatus is connecting link between Annelida and Arthropoda.

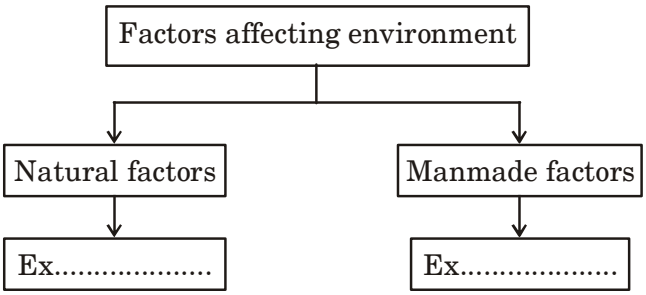
(*ii*) Our body irritates if it comes in contact with jelly fish.

(*iii*) Microbial enzymes are used instead of chemical catalysts in chemical industry.

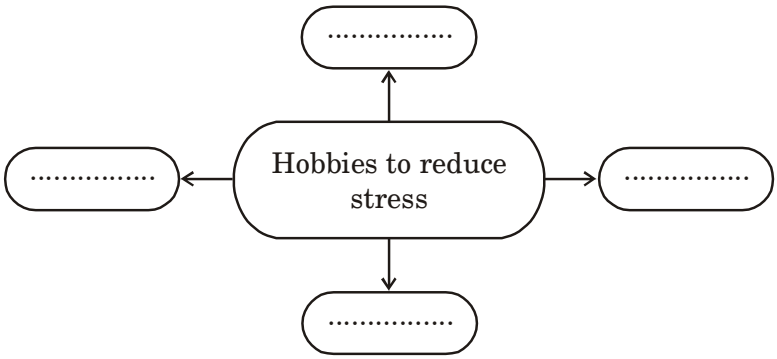
(B) Answer the following questions (any *three*) : **6**

(*i*) Distinguish between Aerobic respiration and Anaerobic respiration.

(*ii*) Complete the concept map :



(*iii*) Write the correct word in the blank spaces :



(*iv*) Write any *two* objectives of disaster management.

(*v*) Give *two* commercial applications of Biotechnology.

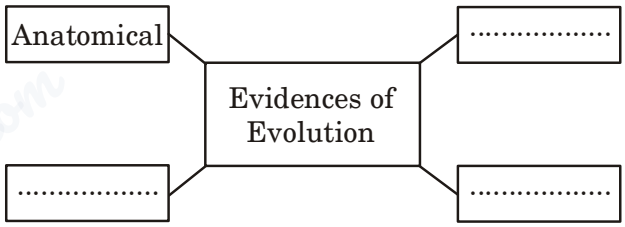
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3. Answer the following questions (any *five*) : **15**

(*i*) Complete the following diagram :



(*ii*) Explain the process of glycolysis.

(*iii*) Write a short note on environmental conservation.

(*iv*) Write any *three* distinguishing characters of phylum Echinodermata.

(*v*) Observe the diagram given below and answer the questions :



(*a*) Which fuel is shown in above diagram ?

(*b*) Give *two* examples of each solid and liquid fuel.

(*vi*) What is meant by stem cells ? Write any *two* uses of stem cells.

(*vii*) What will you do in the following situation ? Why ?
Child of your neighbour is addicted to tobacco chewing.

(*viii*) Following are some pictures of disasters. Which precautions would you take during these disasters ?



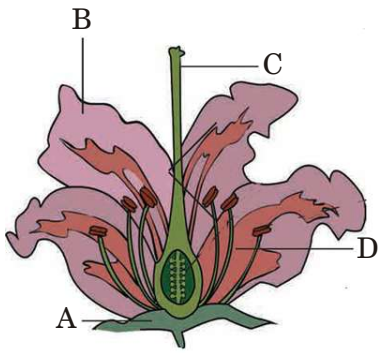
(A) (B) (C)

End of Page 3 (PTO)

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4. Answer the following questions (any *one*) : **5**

(*i*) Observe the diagram and answer the questions :



(*a*) Label the parts A, B, C, D shown in above diagram.

(*b*) Write name of any *one* type of whorl.

(*c*) Write any *two* components of Androecium.

(*d*) Write any *two* components of Gynoecium.

(*ii*) Draw the flow chart showing step by step energy transformation in the following power plants :

(*a*) Thermal Power Plant

(*b*) Nuclear Power Plant

(*c*) Solar Power Plant.

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