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ALLAHABAD**

Formative Assessment III

Class-VIII-2016-17

Subject-Science

Time:90 min.

Max.Marks:40

I.Choose the correct option from the following:-

- 1.Thefirst oil well was drilled in - 1x4
(a)India (b)USA
(c)Britain (d)Australia ()
- 2.The number of nuclei in a zygote is-
(a)1 (b)2 (c)3 (d)4 ()
- 3.Animals give birth to young ones are called-
(a)Oviparous (b)viviparous
(c)Ovo-viviparous (d)None of the above ()
- 4.External fertilization takes place in-
(a) Fish (b) Human beings
(c) Cow (d) Horse ()

II.Fill in the blanks- 1x4

- 5.Migratory birds fly to far away places because ofchanges.
- 6.The process of separation of different constituents from petroleum is called.....
- 7.Fire produced by oil cannot be controlled by.....
- 8.Burning of wood and coal causes.....of air.

III.Write true or false for the following statements- 1x4

9. Amoeba reproduces by budding.
- 10.Animals found in a particular area are called endangered animals.
- 11.Kerosene is not a fossil fuel.
- 12.Binary fission is a method of asexual reproduction.

IV. Answer the following questions-

13. What is metamorphosis? Give example. *2 marks*
14. Differentiate between external fertilization and internal fertilization. *2 marks*
15. What are consequences of deforestation? Write any two. *2 marks*
16. What is the difference between flora and fauna? *2 marks*
17. Define endemic species. *2 marks*
18. What do you mean by Red data book? *2 marks*
19. Why LPG is better fuel than wood? *2 marks*
20. Describe any two uses of coke. *2 marks*
21. In an experiment 2 kg. fuel was completely burnt to produce 50,000 KJ heat energy. Calculate the calorific value. *2 marks*
22. How coal is formed? *2 marks*
23. Explain how CO₂ is able to control fires. *2 marks*
24. Draw a well labelled diagram of candle flame. *3 marks*
25. Write full form of the following- *3 marks*
- a) IVF b) CNG c) PCRA
