

Biology (Objective)

(Group-II)

Rwp-12-2-23

Note: Write Answers to the Questions on the objective answer sheet provided. Four possible answers A, B, C and D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or Pen ink on the answer sheet provided.

- 1.1. Which of the following is not a heterotherm?

(A) Bat	(B) Humming bird	(C) Duckbilled Platypus	(D) Flying bird
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2. The inactive, non conducting wood is called:

(A) Heartwood	(B) Sapwood	(C) Secondary Phloem	(D) Primary Xylem
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3. Total number of facial bones is:

(A) 22	(B) 14	(C) 12	(D) 16
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4. Which of the following is wrong statement?

(A) Adrenaline releases glucose from liver glycogen	(B) Non-adrenaline releases glucose from liver glycogen	(C) Sympathetic system is reinforced by epinephrine and nor-epinephrine	(D) Pupil dilates by parasympathetic system
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5. Etiolated plants possess:

(A) No chlorophyll	(B) Chlorosis	(C) Insufficient chlorophyll	(D) Higher chlorophyll
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6. Fruit set means:

(A) Retention of seed	(B) Retention of fruit	(C) Retention of ovary	(D) Pregnancy
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7. Which of the following is responsible for secondary growth in plants?

(A) Lateral meristem	(B) Vascular cambium	(C) Cork cambium	(D) All A, B & C
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8. Helix of DNA has diameter:

(A) 2 nm	(B) 2 μ m	(C) 2.3 nm	(D) 3.4 nm
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9. The semi conservative replication model predicted by Watson and Crick was confirmed by:

(A) Meselson & Stahl	(B) Hershey & Chase	(C) Vernon Ingram	(D) Fredrick Sanger
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10. Crossing over takes place during:

(A) Zygotene	(B) Pachytene	(C) Diplotene	(D) Diakinesis
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11. Which chromosome carries gene for leukemia?

(A) Chromosome 9	(B) X-chromosome	(C) Chromosome 19	(D) Chromosome 11
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12. Which of the following bio-technology product has been produced in mammalian milk?

(A) Hemophilia factor VIII	(B) Insulin	(C) Anti-Thrombin III	(D) Human growth hormone
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13. The gene for Retinitis pigmentosa is present on:

(A) X-chromosome	(B) Y-chromosome	(C) Chromosome 7	(D) Chromosome 11
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14. Alzheimer is a/an:

(A) Nutritional disease	(B) Hormonal disease	(C) Mental disorder	(D) Physical disease
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15. The first photosynthetic organism probably used _____ for reducing CO₂ to sugars.

(A) Pentose sugars	(B) Hydrogen sulfide	(C) Hydrogen carbide	(D) Both A & B
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16. Solar energy used for evaporation of water and heating up soil is about:

(A) 90%	(B) 1%	(C) 99%	(D) 95%
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17. Which of the following statement is false:

(A) 11% of the total area of the world is under cultivation	(B) 2% of water is in the form of frozen ice	(C) An area having less than 10 to 20 inches rains is called desert	(D) Early man was first a secondary consumer
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