

PGT Biology

Q 1). Which Indian state is planning to launch a massive jungle safari project in the Aravalli Hills, aimed at promoting eco-tourism and sustainable development?

- (A) Rajasthan
- (B) Gujarat
- (C) Madhya Pradesh
- (D) Haryana

Correct Answer: (D)

Q 2). Prime Minister Modi had accorded a ceremonial welcome during his recent visit to Croatia at _____.

- (A) St. Mark's Church
- (B) Croatian Parliament
- (C) Banski Dvori Palace
- (D) Zagreb City Hall

Correct Answer: (C)

Q 3). Which of the following countries were recently elected to serve as a non-permanent member of the UN Security Council for a two-year term starting in January 2026?

1. Bahrain, Colombia, Latvia
2. Indonesia, Sri Lanka, Vietnam
3. Liberia, The Democratic Republic of Congo

- (A) 1, 2 & 3
- (B) 1 & 3
- (C) Only 2
- (D) 1 & 2

Correct Answer: (B)

Q 4). "How many characters are there in the story?" This question is of _____ level as per the revised Bloom's Taxonomy.

- (A) remembering
- (B) evaluation
- (C) understanding
- (D) application

Correct Answer: (A)

Q 5). Which of the following is an example of positive reinforcement as per child psychology?

- (A) Giving a child a time-out for misbehavior.
- (B) Praising a child for completing homework.
- (C) Removing TV privileges for poor grades.
- (D) Ignoring a child's tantrum.

Correct Answer: (B)

Q 6). As per NEP 2020, what is the proposed bagless period for students in Grades 6-8 in a year?

- (A) 5 days
- (B) 10 days
- (C) 15 days
- (D) 20 days

Correct Answer: (B)

Q 7). Slime mould's (Myxomycetes) thalloid body is known as _____.

- (A) Protonema
- (B) Mycelium
- (C) Fruiting Body
- (D) Plasmodium

Correct Answer: (D)

Q 8). Bilateral symmetrical, Triploblastic, segmented and coelomate animal is:

- (A) Star fish
- (B) Pila
- (C) Ascaris
- (D) Silk worm

Correct Answer: (D)

Q 9). 5-methyl uracil is _____.

- (A) Adenine
- (B) Cytosine
- (C) Guanine
- (D) Thymine

Correct Answer: (D)

Q 10). Which part of the human eye provides most of the refraction for the light rays entering the eye?

- (A) Pupil
- (B) Cornea
- (C) Iris
- (D) Lens

Correct Answer: (B)

Q 11). Hypanthodium is a specialized type of which of the following?

- (A) Thalamus
- (B) Fruit
- (C) Ovary
- (D) Inflorescence

Correct Answer: (D)

Q 12). Cell to cell communication is facilitates by _____.

- (A) Adhering Junction
- (B) Gap Junction
- (C) Tight Junction
- (D) Brush borders

Correct Answer: (B)

Q 13). Find the correct match between **Column I** and **Column II**.

	Column-I		Column-II
i.	LSD	a.	Lungs
ii.	Morphine	b.	Liver cirrhosis
iii.	Alcohol	c.	Analgesic
iv.	Pneumonia	d.	Hallucinogen

- (A) i-a, ii-b, iii-c, iv-d
- (B) i-b, ii-c, iii-d, iv-a
- (C) i-d, ii-c, iii-b, iv-a
- (D) i-c, ii-d, iii-a, iv-b

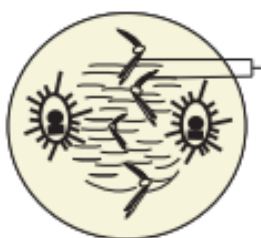
Correct Answer: (C)

Q 14). Who proved that a virus particle causes the tobacco mosaic disease?

- (A) Pasteur
- (B) Metchnikoff
- (C) Beijerinck
- (D) Winogradsky

Correct Answer: (C)

Q 15). Following figure shows _____ stage of mitosis.



- (A) Metaphase
- (B) Anaphase
- (C) Telophase
- (D) Early prophase

Correct Answer: (A)

Q 16). In man and mammals, air passes from outside into the lungs through which of the following?

- (A) Nasal Cavity, Larynx, Pharynx, Trachea, Bronchi, Alveoli
- (B) Nasal Cavity, Pharynx, Larynx, Trachea, Bronchioles, Bronchi, Alveoli
- (C) Nasal Cavity, Larynx, Pharynx, Trachea, Bronchioles, Alveoli
- (D) Nasal Cavity, Pharynx, Larynx, Trachea, Bronchi, Bronchioles, Alveoli

Correct Answer: (D)

Q 17). The interaction in which an individual sacrifice to benefit other individual, even to the potential detriment of themselves is called _____.

- (A) Agnostic
- (B) Altruism
- (C) Competitive exclusion
- (D) Resource partitioning

Correct Answer: (B)

Q 18). Cartilage, bone and blood are example of which of the following?

- (A) Areolar connective tissue
- (B) Specialized connective tissue
- (C) Dense irregular connective tissue
- (D) Epithelial tissue

Correct Answer: (B)

Q 19). Which of the following statement is correct?

- (A) 80S ribosome is splitted into 60S and 30S subunits.
- (B) 70S ribosome is splitted into 50S and 30S subunits.
- (C) 70S ribosome is splitted into 40S and 60S subunits.
- (D) 70S ribosome is splitted into 40S and 30S subunits.

Correct Answer: (B)

Q 20). Which of the following functions are influenced/regulated by Melatonin/pineal gland?

- a. Defense capability
- b. Pigmentation
- c. Menstrual cycle
- d. Metabolism
- e. 24-hour rhythm
- f. Body temperature
- g. Sleep-wake cycle

- (A) a, d, c, f and g
- (B) b, c, d, e, f and g
- (C) a, c, d and e
- (D) a, b, c, d, e, f and g

Correct Answer: (D)