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**NEET: 2026 RE TEST (SOLUTION)**

**TIME: 90 MINUTES.****VERSION SUSHRUT CODE: 70****MAX. MARKS: 360****NOTE:**

- \* EVERY CORRECT ANSWER (+4 MARK)
- \* EVERY WRONG ANSWER (-1 MARK)
- \* NOT ATTEMPTED QUESTION

91. Given below are two statements.

**Statement I :** The class name Reptilia refers to creeping or crawling mode of locomotion.

**Statement II :** All organisms belonging to Reptilia have three chambered heart.

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) Statement I is incorrect but Statement II is correct
- 2) Both Statement I and Statement II are correct
- 3) Both Statement I and Statement II are incorrect
- 4) **Statement I is correct but Statement II is incorrect**

92. How many turns of Calvin cycle are required for the formation of three molecules of glucose ?

- 1) **18**
- 2) 6
- 3) 3
- 4) 1

93. Photorespiration reaction catalyzed by RuBisCo is shown below :



Identify "X" from the given options :

- 1) Malate
- 2) Phosphoenolpyruvate
- 3) **2-Phosphoglycolate**
- 4) Oxaloacetate

94. Given below are two statements :

Statement I : In gymnosperms, the male and female gametophytes remain within the sporangia.

Statement II : In gymnosperms, seeds are not covered.

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) Statement I is incorrect but Statement II is correct
- 2) **Both Statement I and Statement II are correct**
- 3) Both Statement I and Statement II are incorrect
- 4) Statement I is correct but Statement II is incorrect

95. How many molecules of pyruvic acid are produced at the end of glycolysis from 206 molecules of glucose ?

- 1) **412**
- 2) 206
- 3) 309
- 4) 103

|    | List-I                                |      | List-II    |
|----|---------------------------------------|------|------------|
| A. | Fusion of protoplasts between gametes | I.   | Meiosis    |
| B. | Fusion of two nuclei                  | II.  | Plasmogamy |
| C. | Generation of haploid spores          | III. | Karyogamy  |

Choose the correct answer from the options given below:

- |                     |                            |
|---------------------|----------------------------|
| 1) A-I, B-III, C-II | 2) <b>A-II, B-III, C-I</b> |
| 3) A-II, B-I, C-III | 4) A-III, B-II, C-I        |

97. Mitochondrial inner membrane encloses \_\_\_\_\_.

- 1) aqueous humor
- 2) **matrix**
- 3) cytosol
- 4) mucus

98. Phyllotaxy is the pattern of arrangement of \_\_\_\_\_.

- 1) sepals
- 2) **leaves**
- 3) flowers
- 4) fruits

99. Mad cow disease is caused by \_\_\_\_\_.

- 1) *Mycoplasma sp.*                      2) **prions**  
3) viroids                                  4) *Aspergillus sp.*

100. Cell theory was formulated by \_\_\_\_.

- 1) Antonie Von Leeuwenhoek
- 2) **Schleiden and Schwann**
- 3) Robert Brown
- 4) Singer and Nicolson

101. Which of the following plant growth regulators promotes internode elongation prior to flowering in cabbage ?

- 1) Ethephon
- 2) Absciscic acid
- 3) **Gibberellin**
- 4) Indole butyric acid

102. Which pigment has absorption peak at 700 nm in the photosynthetic reaction centre PS I (P 700)?

- 1) Carotenoids
- 2) Chlorophyll b
- 3) **Chlorophyll a**
- 4) Xanthophylls

103. Sphenopsida class belongs to \_\_\_\_\_.

- 1) **pteridophytes**
- 2) bryophytes
- 3) angiosperms
- 4) gymnosperms

104. Which of the following represents the correct sequence of arrangement of bones in the lower limb of humans ?
- |                               |                                      |
|-------------------------------|--------------------------------------|
| 1) Femur-tarsal-patella-tibia | 2) Femur-tibia-patella-tarsal        |
| 3) Patella-femur-tibia-tarsal | <b>4) Femur-patella-tibia-tarsal</b> |
105. Which of the following plant growth regulators is used as herbicide ?
- |                |                   |
|----------------|-------------------|
| 1) Gibberellin | <b>2) 2,4-D</b>   |
| 3) Kinetin     | 4) Absciscic acid |
106. Genus represents
- |                                        |                                              |
|----------------------------------------|----------------------------------------------|
| 1) a group of closely related families | 2) an individual plant or animal             |
| 3) a population of plants and animals  | <b>4) a group of closely related species</b> |
107. The plastid that stores xanthophyll is known as
- |                       |                |
|-----------------------|----------------|
| 1) amyloplast         | 2) chloroplast |
| <b>3) chromoplast</b> | 4) aleuroplast |
108. In water, frogs respire using
- |                  |                |
|------------------|----------------|
| 1) trachea       | <b>2) skin</b> |
| 3) buccal cavity | 4) lungs       |
109. Which of the following is not a characteristic of chordates ?
- |                                      |                            |
|--------------------------------------|----------------------------|
| 1) Presence of post anal part (tail) | 2) Presence of notochord   |
| 3) Central nervous system is dorsal  | <b>4) Absence of gills</b> |
110. Smooth endoplasmic reticulum
- |                                                         |                                              |
|---------------------------------------------------------|----------------------------------------------|
| 1) is a site for the synthesis of carbohydrates         | 2) has ribosomes attached to its surface     |
| <b>3) is the major site for the synthesis of lipids</b> | 4) is actively involved in protein synthesis |
111. Which of the following are characteristics of prokaryotic cells ?
- (a) Ribosomes are made of 50S and 30S subunits  
(b) They can have plasmids  
(c) They contain mesosome  
(d) They have peroxisomes Choose the correct answer from the options given below:
- |                                 |                          |
|---------------------------------|--------------------------|
| <b>1) (a), (b) and (c) only</b> | 2) (b) and (c) only      |
| 3) (a) and (c) only             | 4) (a), (c) and (d) only |

|    | <b>List – I</b> |      | <b>List - II</b>                            |
|----|-----------------|------|---------------------------------------------|
| A. | Cristae         | I.   | Flat membrane sacs in stroma of chloroplast |
| B. | Cisternae       | II.  | Infoldings in mitochondria                  |
| C. | Thylakoids      | III. | Cell membrane                               |
| D. | Phospholipid    | IV   | Disc shaped sacs in the Golgi apparatus     |

Choose the correct answer from the options given below:

- 1) A-IV, B-III, C-I, D-II                      2) A-III, B-IV, C-I, D-II  
3) **A-II, B-IV, C-I, D-III**                      4) A-II, B-IV, C-III, D-I

113. Which of the following statements related to pituitary gland are correct?

- (a) It is divided anatomically into adenohypophysis and neurohypophysis
- (b) It secretes follicle stimulating hormones
- (c) It secretes melanocyte stimulating hormone MSH
- (d) It does not secrete prolactin

Choose the correct answer from the options given below:

- 1) (b) and (c) only  
2) (a) and (b) only  
3) **(a), (b) and (c) only**  
4) (c) and (d) only

114. Which of the following statements regarding photorespiration are correct?

- (a) Do not occur in  $C_3$  plants      b)  $CO_2$  is consumed and  $O_2$  is generated  
(c) Phosphoglycolate is formed      (d) No synthesis of ATP and NADPH

Choose the correct answer from the options given below:

- 1) (a) and (b) only                      2) (a), (c) and (d) only  
3) **(c) and (d) only**                        4) (b) and (d) only

115. Which of the following statements is incorrect ?

- 1) **Fibrinogen is produced from fibrin**
- 2) Blood coagulates in response to an injury
- 3) Blood clot consists of fibrins
- 4) Fibrin is produced from fibrinogen

116. Arrange the following taxonomic categories in ascending order.

- |             |             |
|-------------|-------------|
| (a) Genus   | (b) Class   |
| (c) Order   | (d) Phylum  |
| (e) Family  | (f) Kingdom |
| (g) Species |             |

Choose the correct answer from the options given below:

- 1) (f), (c), (b), (g), (d), (e), (a)                      2) (g), (a), (e), (c), (b), (d), (f)  
3) (a), (c), (d), (g), (f), (b), (e)                      4) (g), (c), (d), (b), (e), (a), (f)

117. Select the correct sequence of experiments that led to a gradual understanding of photosynthesis in green plants.
- 1) Production of glucose → role of air → release of oxygen → absorption spectra of chlorophyll a and b
  - 2) Absorption spectra of chlorophyll a and b → production of glucose → release of oxygen → role of air
  - 3) Role of air → release of oxygen → production of glucose → absorption spectra of chlorophyll a and b**
  - 4) Release of oxygen → production of glucose → absorption spectra of chlorophyll a and b → role of air

118. Match List-I with List-II.

|    | List-I         |      | List-II           |
|----|----------------|------|-------------------|
| A. | Starch         | I.   | Fights infection  |
| B. | Antibody       | II.  | Energy storage    |
| C. | Concanavalin A | III. | Glucose transport |
| D. | Glut-4         | IV   | Lectin            |

Choose the correct answer from the options given below:

- 1) A-I, B-II, C-III, D-IV
  - 2) A-I, B-II, C-IV, D-III
  - 3) A-II, B-I, C-IV, D-III**
  - 4) A-II, B-I, C-III, D-IV
119. The number of vertebrae in a human is
- 1) 206
  - 2) 27
  - 3) 12
  - 4) 26**
120. Endomembrane system includes
- 1) Golgi complex, chloroplast, peroxisomes and vacuole
  - 2) endoplasmic reticulum, Golgi complex, lysosomes and vacuole**
  - 3) endoplasmic reticulum, chloroplast, peroxisomes and vacuole
  - 4) mitochondria, chloroplast, peroxisomes and vacuole
121. Length of the stem at time 0 is 20 cm. The arithmetic growth rate is 30 cm per day. What is the length of the stem at the end of the 7th day ?
- 1) 460 cm
  - 2) 50 cm
  - 3) 170 cm
  - 4) 230 cm**

122. Match List-I with List-II.

|    | <b>List-I</b> |      | <b>List-II</b> |
|----|---------------|------|----------------|
| A. | Spherical     | I.   | Vibrio         |
| B. | Rod           | II.  | Cocci          |
| C. | Comma         | III. | Spirilla       |
| D. | Spirillum     | IV.  | Bacilli        |

Choose the correct answer from the options given below :

- 1) A – II, B – IV, C – I, D – III**
- 2) A – I, B – III, C – II, D – IV**
- 3) A – III, B – II, C – I, D – IV**
- 4) A – II, B – I, C – IV, D – III**

123. The number of action potentials generated by sino-arterial node (SAN) in a healthy human is per minute.

- 1) 120 – 140                      2) 28 – 30  
3) **70 – 75**                        4) 100 – 110

124. Match List-I with List-II

|    | <b>List-I</b> |      | <b>List-II</b>   |
|----|---------------|------|------------------|
| A. | Family        | I.   | Sapindales       |
| B. | Genus         | II.  | Dicotyledonae    |
| C. | Class         | III. | Anacardiaceae    |
| D. | Phylum        | IV.  | Angiospermae     |
| E. | Order         | V.   | <i>Mangifera</i> |

Choose the correct answer from the options given below :

- 1) A – III, B – V, C – II, D – IV, E – I                  2) A – I, B – V, C – II, D – IV, E – III
- 3) A – II, B – I, C – III, D – IV, E – V                      4) A – II, B – III, C – V, D – I, E – IV

125. Which of the following is not a part of human, central neural system ?

- 1) **Pericardium**
- 2) Arachnoid
- 3) Dura mater
- 4) Pia mater

126. Given below are two statements :

**Statement I :** Chromosomes are fully condensed at the end of prophase I.

**Statement II : Meiosis I resembles mitosis.**

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) Statement I is incorrect, but Statement II is true
- 2) Both Statement I and Statement II are true
- 3) Both Statement I and Statement II are false
- 4) **Statement I is correct, but Statement II is false**

127. Match List-I with List-II.

|    | <b>List-I</b>             |      | <b>List-II</b>  |
|----|---------------------------|------|-----------------|
| A. | Marginal placentation     | I.   | <i>Argemone</i> |
| B. | Axile placentation        | II.  | Tomato          |
| C. | Parietal placentation     | III. | <i>Primrose</i> |
| D. | Free central placentation | IV.  | Pea             |

Choose the correct answer from the options given below :

- 1) A – IV, B – II, C – I, D – III**
- 2) A – II, B – IV, C – I, D – III
- 3) A – IV, B – II, C – III, D – I
- 4) A – IV, B – III, C – I, D – II

128. Symbiotic association between fungi and algae are called

- 1) chrysophytes                      2) lichens  
3) sponges                          4) mycorrhiza

129. Which of the following is not a prokaryote ?

- 1) **Fungi**
- 2) Bacteria
- 3) Blue green algae
- 4) Mycoplasma

130. Arrange the following elements in descending order of their contribution to percentage weight of the human body.

- (a) Oxygen (b) Carbon  
(c) Hydrogen, (d) Nitrogen

Choose the correct answer from the options given below :

- 1) (b), (a), (c), (d)                      2) (a), (b), (c), (d)  
3) (c), (a), (b), (d)                      4) (b), (c), (d), (a)

**AS PER NEW NCERT TEXTBOOK PAGE 105 TABLE. 9.1**

131. Which one of the following statements is incorrect ?

- 1)  $\beta$ -cells of pancreas secrete insulin
- 2)  $\alpha$ -cells of pancreas secrete glucagon
- 3)  $\alpha$ -cells of pancreas secrete insulin
- 4) Glucagon stimulates glycogenolysis

132. Which of the following are characteristic features of Solanaceae family ?

- (a) Flowers are bisexual and actinomorphic
- (b) Calyx have five sepals and are united
- (c) Androecium have five stamens and are epipetalous
- (d) Ovary is inferior

Choose the correct answer from the options given below.

- 1) (b), (c) and (d) only                      2) **(a), (b) and [c] only**
- 3) (d) only                                          4) (a) and (b) only

133. Given below are two statements :

**Statement I :** When any plane passing through the central axis of the body divides the organism into two identical halves, it is called radial symmetry.

**Statement II :** In phylum Echinodermata, both adults and larvae are radially symmetrical.

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) Statement I is incorrect but Statement II is correct
- 2) Both Statement I and Statement II are correct
- 3) Both Statement I and Statement II are incorrect
- 4) **Statement I is correct but Statement II is incorrect**

134. The correct sequence of adult cell cycle phases is

- 1) S – M – G<sub>2</sub> – G<sub>1</sub>
- 2) G<sub>1</sub> – M – S – M
- 3) G<sub>1</sub> – M – G<sub>2</sub> – S
- 4) **G<sub>1</sub> – S – G<sub>2</sub> – M**

135. In frogs, the number of pairs of cranial nerves arising from the brain are \_\_\_\_\_.

- 1) 12
- 2) 6
- 3) 9
- 4) **10**

136. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.

**Assertion A:** In recombinant DNA technology, lysozyme is used for disrupting bacterial cells while cellulase is for plant cells.

**Reason R:** Isolation of genetic material needs disruption of cells.

In the light of the above statements, choose the most appropriate answer from the options given below:

- 1) A is not correct but R is correct
- 2) **Both A and R are correct and R is the correct explanation of A**
- 3) Both A and R are correct but R is not the correct explanation of A
- 4) A is correct but R is not correct

137. The method of directly injecting a sperm into ovum in assisted reproductive technology is called:

- 1) Embryo transfer (ET)
- 2) Gamete intra fallopian transfer (GIFT)
- 3) Zygote intra fallopian transfer (ZIFT)
- 4) **Intra cytoplasmic sperm injection (ICSI)**

138. Adaptive radiation in placental mammals and Australian Marsupials leading to similarity between distant species is an example of \_\_\_\_\_.

- 1) genetic drift
- 2) divergent evolution
- 3) **convergent evolution**
- 4) founder effect

139. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.

**Assertion A:** In an experiment, Mendel observed that the F1 progeny plants are all tall and none are dwarf.

**Reason R:** Stem height is a contrasting trait, with tall being dominant and dwarf being recessive.

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) **A is not correct but R is correct**
- 2) **Both A and R are correct and R is the correct explanation of A**
- 3) Both A and R are correct but R is not the correct explanation of A
- 4) A is correct but R is not correct

**CONTROVERSY: REASON CAN BE CONSIDERED WRONG. HEIGHT IS CHARACTER NOT TRAIT**

140. Arrange the following in descending order of number of species in the Amazonian rain forest.

- |             |                   |
|-------------|-------------------|
| (a) Plants  | (b) Birds         |
| (c) Fishes  | (d) Invertebrates |
| (e) Mammals |                   |

Choose the correct answer from the options given below :

- |                                                   |                                |
|---------------------------------------------------|--------------------------------|
| 1) (b) > (a) > (d) > (c) > (e)                    | 2) (c) > (b) > (d) > (e) > (a) |
| 3) <b>(d) &gt; (a) &gt; (c) &gt; (b) &gt; (e)</b> | 4) (e) > (b) > (a) > (c) > (d) |

141. Sponges exchange O<sub>2</sub> with CO<sub>2</sub> by

- |                  |                                                            |
|------------------|------------------------------------------------------------|
| 1) gills         | 2) <b>simple diffusion over their entire body surfaces</b> |
| 3) moist cuticle | 4) tracheal tubes                                          |

142. For a person with blood group 'O', which of the following is not a possible combination of parents' blood group genotypes ?

- |                                                                         |                                                          |
|-------------------------------------------------------------------------|----------------------------------------------------------|
| 1) <b>Father: I<sup>A</sup>I<sup>B</sup> and Mother: I<sup>A</sup>i</b> | 2) Father: I <sup>A</sup> i and Mother: I <sup>B</sup> i |
| 3) Father: I <sup>A</sup> i and Mother: I <sup>A</sup> i                | 4) Father: I <sup>B</sup> i and Mother: I <sup>A</sup> i |

143. Given below are two statements:

**Statement I:** Modern Homo sapiens arose in Australia and moved across continents.

**Statement II:** Homo sapiens arose around 75000 to 10000 years ago.

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) **Statement I is incorrect but Statement II is correct**
- 2) Both Statement I and Statement II are correct
- 3) Both Statement I and Statement II are incorrect
- 4) Statement I is correct but Statement II is incorrect

144. Which of the following is used as an effective sedative and painkiller for treating post-surgery patients ?
- |                          |                    |
|--------------------------|--------------------|
| 1) Anti-retroviral drugs | 2) Interferon      |
| 3) Antibiotics           | <b>4) Morphine</b> |
145. Which of the following plant produces non-albuminous seeds ?
- |               |           |
|---------------|-----------|
| <b>1) Pea</b> | 2) Wheat  |
| 3) Maize      | 4) Barley |
146. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.
- Assertion A:** Abingdon tortoise in Galapagos islands became extinct within a decade after goats were introduced.
- Reason R:** Goats were more efficient at browsing than Abingdon tortoise.
- In the light of the above statements, choose the most appropriate answer from the options given below:
- |                                                                          |
|--------------------------------------------------------------------------|
| 1) A is not correct but R is correct                                     |
| <b>2) Both A and R are correct and R is the correct explanation of A</b> |
| 3) Both A and R are correct but R is not the correct explanation of A    |
| 4) A is correct but R is not correct                                     |
147. The covering of ovum at ovulation is
- |                 |                          |
|-----------------|--------------------------|
| 1) chorion      | 2) endometrium           |
| 3) zona radiata | <b>4) zona pellucida</b> |
148. Which of the following is used as a clot buster ?
- |               |                         |
|---------------|-------------------------|
| 1) Statins    | <b>2) Streptokinase</b> |
| 3) Penicillin | 4) Cyclosporin A        |
149. Which of the following structure is not a part of the male reproductive system?
- |                        |                    |
|------------------------|--------------------|
| 1) <b>Infundibulum</b> | 2) Rete testis     |
| 3) Epididymis          | 4) Vasa efferentia |
150. Given below are two statements:
- Statement I:** Ovulation is caused by LH surge leading to rupture of Graafian follicles.
- Statement II:** Graafian follicle remaining after ovulation transform into corpus luteum and secretes large amount of estrogen.
- In the light of the above statements, choose the most appropriate answer from the options given below :
- |                                                                |
|----------------------------------------------------------------|
| 1) Statement I is incorrect but Statement II is correct        |
| 2) Both Statement I and Statement II are correct               |
| 3) Both Statement I and Statement II are incorrect             |
| <b>4) Statement I is correct but Statement II is incorrect</b> |

151. The opening between the right atrium and the right ventricle is guarded by \_\_\_\_\_.  
 1) sino-atrial node 2) bicuspid valve  
 3) **tricuspid valve** 4) semilunar valve
152. Which of the following is not evidence for evolution ?  
 1) Divergent evolution of anatomical structures such as forelimbs  
 2) Convergent evolution of traits like wings of birds and butterflies  
 3) Paleontological evidence from fossil records  
 4) **Embryological support for evolution as proposed by Ernst Haeckel**
153. The inactive form of Bt toxin is converted to the active form in the insect gut  
 1) by nucleases 2) **due to alkaline pH**  
 3) due to acidic pH 4) by proteases
154. Colostrum, secreted by mother during initial days of lactation, is abundant in \_\_\_\_\_.  
 1) IgD 2) IgG  
 3) IgM 4) **IgA**
155. Which of the following in female gametophyte of an angiosperm helps in guiding the pollen tube for fertilizing the eggs ?  
 1) Polar nucleus 2) Antipodals  
 3) **Synergids** 4) Central cells
156. Which of the following disease is not sexually transmitted ?  
 1) Genital warts 2) Syphilis  
 3) **Tuberculosis** 4) Gonorrhoea
157. Which of the following statements about lac-operon is correct ?  
 1) Galactose can act as an inducer of lac operon  
 2) **Gene i is constitutively expressed Lactose activates repressor to bind to the operator**  
 3) Lactose activates repressor to bind to the operator  
 4) Genes i, z, y and a share single common promoter
158. Match List-I with List-II.

|    | List-I         |      | List-II                       |
|----|----------------|------|-------------------------------|
| A. | Transformation | I.   | Restriction enzyme            |
| B. | Cloning site   | II.  | Transfer DNA to host bacteria |
| C. | Selection      | III. | Replication                   |
| D. | Ori            | IV.  | Antibiotic                    |

Choose the correct answer from the options given below :

- 1) A-IV, B-I, C-III, D-II 2) **A-II, B-I, C-IV, D-III**  
 3) A-I, B-II, C-IV, D-III 4) A-III, B-IV, C-II, D-I



167. Which of the following statements about the reabsorption process in Henle's loop are correct ?

- (a) The descending limb of Henle's loop is permeable to water but almost impermeable to electrolytes.
- (b) Urine gets concentrated in Henle's loop
- (c) Reabsorption of  $\text{Na}^+$  and water takes place in Henle's loop.
- (d) Active or passive transport of electrolytes ascending limb of Henle's loop

Choose the correct answer from the options given below :

- 1) [a], (b) and (d) only
- 2) [a] and [b] only
- 3) (b), (c) and (d) only
- 4) (a), (b) and (c) only

**CONTROVERSY: WE THINK ALL FOUR STATEMENTS ARE TRUE SO ANSWER CAN BE (1) OR (4) BUT MOST PROBABLY ANSWER IS (1)**

168. Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R  
**Assertion A** : The logistic growth model of populations is considered more realistic than the exponential growth model

**Reason R** : Resources are finite.

In the light of the above statements, choose the most appropriate answer from the options given below :

- 1) A is not correct but R is correct
- 2) Both A and R are correct and R is the correct explanation of A
- 3) Both A and R are correct but R is not the correct explanation of A
- 4) A is correct but R is not correct

169. Which of the following is the correct order of arrangement of vertebrate column from the head to toe?

- 1) Cervical vertebra, thoracic vertebra, lumbar vertebra, sacrum
- 2) Cervical vertebra, thoracic vertebra, sacrum, lumbar vertebra
- 3) Sacrum, lumbar vertebra, thoracic vertebra, cervical vertebra
- 4) Cervical vertebra, lumbar vertebra, thoracic vertebra, sacrum

170. Match List-I with List-II

|    | List-I                                           |      | List-II      |
|----|--------------------------------------------------|------|--------------|
| A. | Both species are harmed                          | I.   | Predation    |
| B. | One species is harmed and the other is benefited | II.  | Mutualism    |
| C. | Both species are benefited                       | III. | Competition  |
| D. | One is benefited while the other has no effect   | IV   | Commensalism |

Choose the correct answer from the options given below :

- 1) A-III, B-I, C-II, D-IV
- 2) A-III-B-IV, C-II, D-I
- 3) A-I, B-II, C-III, D-IV
- 4) A-II, B-I, C-IV, D-III

171. If the diploid chromosome number of typical angiosperm is 36, what would be the chromosome number in its endosperm ?

- 1) 72
- 2) 18
- 3) 36
- 4) 54



178. Which of the following are secondary lymphoid organs ?

- |                 |             |
|-----------------|-------------|
| (a) Bone marrow | (b) Tonsils |
| (c) Spleen      | (d) Thymus  |

Choose the correct answer from the options given below :

- |                            |                     |
|----------------------------|---------------------|
| 1) (a) and (d) only        | 2) (a) and (b) only |
| <b>3) (b) and (c) only</b> | 4) (b) and (d) only |

179. During PCR, primers bind to the DNA strands in the

- |              |                     |
|--------------|---------------------|
| 1) ligation  | 2) denaturation     |
| 3) extension | <b>4) annealing</b> |

180. Given below are two statements :

Statement I : Down's syndrome is caused by the absence of one of the X-chromosomes.

Statement II: Turner's syndrome is caused by the presence of an additional copy of the chromosomes.

In the light of the above statements, choose the correct answer from the options given below :

- |                                                           |
|-----------------------------------------------------------|
| 1) Statement I is incorrect but Statement II is correct   |
| 2) Both Statement I and Statement II are correct          |
| <b>3) Both Statement I and Statement II are incorrect</b> |
| 4) Statement I is correct but Statement II is incorrect   |

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