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National Testing Agency

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Plant groups

Group Number :	1
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Plant groups-1

Section Id :	512452850
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100

Number of Questions to be attempted : 100
Section Marks : 100
Mark As Answered Required? : Yes
Sub-Section Number : 1
Sub-Section Id : 512452921
Question Shuffling Allowed : Yes

**Question Number : 1 Question Id : 51245215447 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

TMV was discovered by:

1. Iwanoski
2. Beijerinck
3. Pasteur
4. Loeffler

Options :

51245249033. 1
51245249034. 2
51245249035. 3
51245249036. 4

**Question Number : 2 Question Id : 51245215448 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Rous denoted tumor inducing virus in:

1. Mice
2. Guinea pig
3. Chicken
4. Monkey

Options :

- 51245249037. 1
- 51245249038. 2
- 51245249039. 3
- 51245249040. 4

Question Number : 3 Question Id : 51245215449 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

D'Herelle denoted bacteriophage in a plate of:

- 1. *Streptococcus*
- 2. *Micrococcus*
- 3. *Bacillus*
- 4. *Vibrio*

Options :

- 51245249041. 1
- 51245249042. 2
- 51245249043. 3
- 51245249044. 4

Question Number : 4 Question Id : 51245215450 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The co-receptor for virion attachment is coated with:

- 1. Glycerol
- 2. Clathrin
- 3. Cholesterol
- 4. Glycerophosphate

Options :

- 51245249045. 1
- 51245249046. 2

51245249047. 3

51245249048. 4

Question Number : 5 Question Id : 51245215451 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The receptors used by polio virus and HIV are:

A) CD4

B) CCR5

C) CD155

D) CD8

1. A and C only
2. A and B only
3. A,B and C only
4. A,Band D only

Options :

51245249049. 1

51245249050. 2

51245249051. 3

51245249052. 4

Question Number : 6 Question Id : 51245215452 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : The entry of the virus within a living cell lowers the pH of the endolysosome

Reason R : The acidic pH is suitable for destroying the virus particle.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249053. 1

51245249054. 2

51245249055. 3

51245249056. 4

Question Number : 7 Question Id : 51245215453 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The lysogeny is promoted by:

- A. Activation of C1
- B. Inactivation of C1
- C. Inactivation of Cro
- D. Inactivation of C1 and Cro
- E. Activation of C1 and Cro

Choose the **correct** answer from the options given below:

- 1. A only
- 2. A and B only
- 3. B only
- 4. A and C only

Options :

- 51245249057. 1
- 51245249058. 2
- 51245249059. 3
- 51245249060. 4

Question Number : 8 Question Id : 51245215454 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Germ line gene therapy against cystic fibrosis uses:

1. Vaccinia virus
2. Adeno virus
3. Pox virus
4. Coliphage

Options :

51245249061. 1
51245249062. 2
51245249063. 3
51245249064. 4

Question Number : 9 Question Id : 51245215455 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The virus used for radiation detector is:

1. lysogenic phage
2. lytic phage
3. Vaccinia virus
4. Adeno virus

Options :

51245249065. 1
51245249066. 2
51245249067. 3
51245249068. 4

Question Number : 10 Question Id : 51245215456 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The viral pesticide include:

1. NPV
2. HPV
3. HBV
4. Vaccinia virus

Options :

51245249069. 1
51245249070. 2
51245249071. 3
51245249072. 4

Question Number : 11 Question Id : 51245215457 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : One drop of contaminated water can cause severe enteric infection

Reason R : One million coliforms may be present in 1 ml of water.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249073. 1
51245249074. 2

51245249075. 3

51245249076. 4

Question Number : 12 Question Id : 51245215458 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Parasitology	I. Redi
B. Infection theory	II. Spallanzini
C. Rabies vaccine	III. Koch
D. Animal reproduction	IV. Pasteur
	V. Lamarck

Choose the **correct** answer from the options given below:

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

Options :

51245249077. 1

51245249078. 2

51245249079. 3

51245249080. 4

Question Number : 13 Question Id : 51245215459 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Spirochetes can penetrate through membrane like cork screw

Reason R : Spirochetes have endoflagella.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249081. 1

51245249082. 2

51245249083. 3

51245249084. 4

Question Number : 14 Question Id : 51245215460 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Gram positive cell wall	I. <i>Rhizobium</i>
B. Gram negative cell wall	II. <i>Streptococcus</i>
C. Acid fast cell wall	III. <i>Spirocheta</i>
D. Pleomorphic	IV. <i>Mycobacterium</i>
	V. <i>Mycoplasma</i>

Choose the **correct** answer from the options given below:

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

Options :

51245249085. 1
51245249086. 2
51245249087. 3
51245249088. 4

Question Number : 15 Question Id : 51245215461 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

E. coli reproduces every:

1. 10 minutes
2. 15 minutes
3. 20 minutes
4. 30 minutes

Options :

51245249089. 1

51245249090. 2

51245249091. 3

51245249092. 4

Question Number : 16 Question Id : 51245215462 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Z ring is inhibited in bacteria by:

1. Fts protein
2. Min protein
3. Mre protein
4. Zip protein

Options :

51245249093. 1

51245249094. 2

51245249095. 3

51245249096. 4

Question Number : 17 Question Id : 51245215463 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

- A. Yeast exhibits budding
- B. *Planctomyces* does not exhibit budding
- C. *Mycoplasma* reproduces by binar fission.
- D. *Bacillus* exhibits endospore formation
- E. *E. coli* is Acid fast in nature

Choose the **correct** answer from the options given below:

- 1. A, B and D only
- 2. A,B and C only
- 3. A,C and D only
- 4. D and E only

Options :

- 51245249097. 1
- 51245249098. 2
- 51245249099. 3
- 51245249100. 4

Question Number : 18 Question Id : 51245215464 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The movement exhibited by *Caulobacter* is:

- 1. Rheotaxis
- 2. Chemotaxis
- 3. Thigmotaxis
- 4. Phototaxis

Options :

- 51245249101. 1
- 51245249102. 2
- 51245249103. 3
- 51245249104. 4

Question Number : 19 Question Id : 51245215465 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Transformation in bacteria was proved in:

- 1. *Diplococcus*
- 2. *Streptococcus*
- 3. *Staphylococcus*
- 4. *Klebsiella*

Options :

- 51245249105. 1
- 51245249106. 2
- 51245249107. 3
- 51245249108. 4

Question Number : 20 Question Id : 51245215466 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The artificial transformation in bacteria requires:

- 1. Ca SO_4
- 2. CaCO_3
- 3. CaCl_2
- 4. Ca(OH)_2

Options :

- 51245249109. 1
- 51245249110. 2

51245249111. 3

51245249112. 4

Question Number : 21 Question Id : 51245215467 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Streptomycin	I. Griffith
B. U tube experiment	II. Zinder
C. Transformation	III. Davis
D. Transduction	IV. Florey
	V. Waksman

Choose the **correct** answer from the options given below:

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

Options :

51245249113. 1

51245249114. 2

51245249115. 3

51245249116. 4

Question Number : 22 Question Id : 51245215468 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Insert Stem ('Insert Stem' to be deleted)

A. *Rhizobium* is growing on leguminous plants

B. *Frankia* is associated with *Alnus*

C. *Vaucheria* is a nitrogen fixer.

D. *Pseudomonas* helps in denitrification

E. *Clostridium* is a symbiotic nitrogen fixer

Choose the **correct** answer from the options given below:

1. A, B and D only
2. A and B only
3. A,B and C only
4. A,B,D and E only

Options :

51245249117. 1

51245249118. 2

51245249119. 3

51245249120. 4

Question Number : 23 Question Id : 51245215469 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following plant may exhibit leaf nodules:

1. *Alfa alfa*
2. *Alnus*
3. *Pavetta*
4. *Casuarina*

Options :

- 51245249121. 1
- 51245249122. 2
- 51245249123. 3
- 51245249124. 4

Question Number : 24 Question Id : 51245215470 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following organic acid produced by the bacteria protects the ensilage:

- 1. Malic acid
- 2. Lactic acid
- 3. Citric acid
- 4. Acetic acid

Options :

- 51245249125. 1
- 51245249126. 2
- 51245249127. 3
- 51245249128. 4

Question Number : 25 Question Id : 51245215471 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Pneumonia	I. <i>Pseudomonas</i>
B. Denitrification	II. <i>Micrococcus</i>
C. Cyanobacteria	III. <i>Azolla</i>
D. Bio-fertilizer for paddy	IV. <i>Nostoc</i>
	V. <i>Azotobacter</i>

Choose the **correct** answer from the options given below:

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

Options :

51245249129. 1
51245249130. 2
51245249131. 3
51245249132. 4

Question Number : 26 Question Id : 51245215472 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Sour beer production does not involve the following organism:

1. *Brettanomyces*
2. *Lactobacillus*
3. *Pediococcus*
4. *Pichia*

Options :

51245249133. 1

51245249134. 2

51245249135. 3

51245249136. 4

Question Number : 27 Question Id : 51245215473 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Jute fibres are bast fibres devoid of lignin.

Reason R : Pectinase enzyme is used for retting of jute fibres.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249137. 1

51245249138. 2

51245249139. 3

51245249140. 4

Question Number : 28 Question Id : 51245215474 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following antibiotic is NOT produced from *Streptomyces*:

1. Tetramycin
2. Tyrothricin
3. Polymixin
4. Trichomycin

Options :

- 51245249141. 1
- 51245249142. 2
- 51245249143. 3
- 51245249144. 4

Question Number : 29 Question Id : 51245215475 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

D-p-hydroxyphenylglycine is a precursor of the following antibiotic:

1. Ampicillin
2. Tetracyclin
3. Amoxicillin
4. Methicillin

Options :

- 51245249145. 1
- 51245249146. 2
- 51245249147. 3
- 51245249148. 4

Question Number : 30 Question Id : 51245215476 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following bacteria does not exhibit denitrification:

1. *Thiobacillus*
2. *Mesobacillus*
3. *Pseudomonas*
4. *Microbacillus*

Options :

51245249149. 1
51245249150. 2
51245249151. 3
51245249152. 4

Question Number : 31 Question Id : 51245215477 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Crown Gall Tumor	I. Rice
B. Bacterial blight	II. Wheat
C. Black Stem rust	III. Sugarcane
D. Red rust	IV. Coffee
	V. Potato

Choose the **correct** answer from the options given below:

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

Options :

51245249153. 1

51245249154. 2

51245249155. 3

51245249156. 4

Question Number : 32 Question Id : 51245215478 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The polysaccharides present in the cell wall of algae contains:

1. alpha 1-4 glycoside linkage
2. beta 1-4 glycoside linkage
3. beta 1-6 glycoside linkage
4. beta 1-3 glycoside linkage

Options :

51245249157. 1

51245249158. 2

51245249159. 3

51245249160. 4

Question Number : 33 Question Id : 51245215479 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Alginic acid is an algal heteropolysaccharide

Reason R : It is formed of mannose and glucose units

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249161. 1

51245249162. 2

51245249163. 3

51245249164. 4

Question Number : 34 Question Id : 51245215480 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

- A. Agar-agar is a heteropolysaccharide
- B. It is formed of glucose and mannose
- C. It is produced from Red Algae.
- D. It exhibits gel sol transformation
- E. It is used in microbiological medium

Choose the **correct** answer from the options given below:

- 1. A, B and D only
- 2. A and B only
- 3. C, D and E only
- 4. B, C and D only

Options :

- 51245249165. 1
- 51245249166. 2
- 51245249167. 3
- 51245249168. 4

Question Number : 35 Question Id : 51245215481 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The microfibrillar arrangement of algal flagella is:

- 1. 9+1
- 2. 9+0
- 3. 9+2
- 4. 9+3

Options :

51245249169. 1
51245249170. 2
51245249171. 3
51245249172. 4

Question Number : 36 Question Id : 51245215482 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Ring like flagella	I. homokont
B. Single posterior flagellum	II. isokont
C. Two whiplash flagella	III. heterokont
D. One whiplash and one tinsel flagella	IV. stephanokont
	V. ophisthokont

Choose the **correct** answer from the options given below:

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

Options :

51245249173. 1
51245249174. 2
51245249175. 3
51245249176. 4

Question Number : 37 Question Id : 51245215483 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Trentepohlia grows ideally on:

1. Rocks
2. Leaf surface
3. Bark of trees
4. Decaying matter

Options :

- 51245249177. 1
- 51245249178. 2
- 51245249179. 3
- 51245249180. 4

Question Number : 38 Question Id : 51245215484 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Stigoclonium grows ideally on:

1. Gills of fish
2. Fins of fish
3. Shell fishes
4. Fish scales

Options :

- 51245249181. 1
- 51245249182. 2
- 51245249183. 3
- 51245249184. 4

Question Number : 39 Question Id : 51245215485 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

- A. Blue green algae are always unicellular
- B. They reproduce by hormogones
- C. They may form heterocyst
- D. They do reproduce sexually.
- E. They have chlorophyll b

Choose the **correct** answer from the options given below:

- 1. A, B and D only
- 2. B, C and D only
- 3. D and E only
- 4. C and D only

Options :

- 51245249185. 1
- 51245249186. 2
- 51245249187. 3
- 51245249188. 4

Question Number : 40 Question Id : 51245215486 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Zoospore	I. Rhodophyta
B. Synzoospore	II. Chlorophyta
C. Tetraspore	III. Xanthophyta
D. Heterocyst	IV. Phaeophyta
	V. Cyanophyta

Choose the **correct** answer from the options given below:

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

Options :

- 51245249189. 1
- 51245249190. 2
- 51245249191. 3
- 51245249192. 4

Question Number : 41 Question Id : 51245215487 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : *Chara* was separated from Chlorophyceae

Reason R : It has dendrobial habit.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249193. 1

51245249194. 2

51245249195. 3

51245249196. 4

Question Number : 42 Question Id : 51245215488 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : Apicomplexa are not considered as true algae.

Reason R : They have colourless plastids.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249197. 1

51245249198. 2

51245249199. 3

51245249200. 4

Question Number : 43 Question Id : 51245215489 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

- A. Diatoms belong to Bacillariophyceae
- B. Diatoms are mostly haploid in nature
- C. Diatoms are centric and pinnate in nature.
- D. Diatoms do not reproduce sexually
- E. Diatoms produce auxospore bigger than the vegetative cell

Choose the **correct** answer from the options given below:

- 1. A, B and D only
- 2. A, C and E only
- 3. A and D only
- 4. A and C only

Options :

- 51245249201. 1
- 51245249202. 2
- 51245249203. 3
- 51245249204. 4

Question Number : 44 Question Id : 51245215490 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Tannins are commonly found in:

- 1. Red algae
- 2. Brown algae
- 3. Green algae
- 4. Diatoms

Options :

51245249205. 1

51245249206. 2

51245249207. 3

51245249208. 4

Question Number : 45 Question Id : 51245215491 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The *Nostoc* is associated with the bryophyte:

1. *Marchantia*

2. *Porella*

3. *Phaeoceros*

4. *Pogonatum*

Options :

51245249209. 1

51245249210. 2

51245249211. 3

51245249212. 4

Question Number : 46 Question Id : 51245215492 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Cup shaped chloroplast	I. <i>Oedogonium</i>
B. Band shaped chloroplast	II. <i>Volvox</i>
C. Nanundrium	III. <i>Zygnema</i>
D. Star shaped chloroplast	IV. <i>Ulothrix</i>
	V. <i>Chlorella</i>

Choose the **correct** answer from the options given below:

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

Options :

51245249213. 1
51245249214. 2
51245249215. 3
51245249216. 4

Question Number : 47 Question Id : 51245215493 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following species of *Chlamydomonas* is heterotrophic in nature:

1. *Chlamydomonas dysostosis*
2. *C. braunii*
3. *C. coccifera*
4. *C. oogonum.*

Options :

51245249217. 1

51245249218. 2

51245249219. 3

51245249220. 4

Question Number : 48 Question Id : 51245215494 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : *Oedogonium* has some similarities with fungi

Reason R : The cell wall of *Oedogonium* contains pectin.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

51245249221. 1

51245249222. 2

51245249223. 3

51245249224. 4

Question Number : 49 Question Id : 51245215495 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Siphonoxanthene is present in:

1. *Vaucheria*
2. *Ulothrix*
3. *Polysiphonia*
4. *Oedogonium*

Options :

51245249225. 1
51245249226. 2
51245249227. 3
51245249228. 4

Question Number : 50 Question Id : 51245215496 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Fucoserraten is a:

1. hydrocarbon
2. volatile hydrocarbon
3. glycolipid
4. glycoprotein

Options :

51245249229. 1
51245249230. 2
51245249231. 3
51245249232. 4

Question Number : 51 Question Id : 51245215497 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Pericarp is a sterile sheath of:

1. carpogonium
2. carpospores
3. tetraspore
4. cystocarp

Options :

- 51245249233. 1
- 51245249234. 2
- 51245249235. 3
- 51245249236. 4

Question Number : 52 Question Id : 51245215498 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Gonimoblasts give rise to:

1. trichoblast
2. carposporophyte
3. tetrasporophyte
4. gametophyte

Options :

- 51245249237. 1
- 51245249238. 2
- 51245249239. 3
- 51245249240. 4

Question Number : 53 Question Id : 51245215499 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Invertase acts on which sugar molecule?

1. Glucose
2. Lactose
3. Sucrose
4. Maltose

Options :

- 51245249241. 1
- 51245249242. 2
- 51245249243. 3
- 51245249244. 4

Question Number : 54 Question Id : 51245215500 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The fungal enzyme ideal for detergent industry is:

1. protease
2. lipase
3. xylanase
4. phytase

Options :

- 51245249245. 1
- 51245249246. 2
- 51245249247. 3
- 51245249248. 4

Question Number : 55 Question Id : 51245215501 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. <i>Malassezia</i>	I. Brewer's yeast
B. <i>Saccaromyces</i>	II. Pathogenic yeast
C. <i>Candida</i>	III. Fission Yeast
D. <i>Rocchella</i>	IV. Basidiomycetous yeast
	V. Litmus

Choose the **correct** answer from the options given below:

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

Options :

51245249249. 1
51245249250. 2
51245249251. 3
51245249252. 4

Question Number : 56 Question Id : 51245215502 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Carageenan is a phycocolloid containing

1. sulphur
2. phosphorus
3. calcium
4. chlorine

Options :

51245249253. 1

51245249254. 2

51245249255. 3

51245249256. 4

Question Number : 57 Question Id : 51245215503 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The percentage of oil is highest in

1. *Botryococcus*

2. *Nitzschia*

3. *Chlorella*

4. *Pennularia*

Options :

51245249257. 1

51245249258. 2

51245249259. 3

51245249260. 4

Question Number : 58 Question Id : 51245215504 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Oospore	I. <i>Alternaria</i>
B. Zygosporangium	II. <i>Agaricus</i>
C. Basidiospore	III. <i>Mucor</i>
D. Ascospore	IV. <i>Ascobolus</i>
	V. <i>Pythium</i>

Choose the **correct** answer from the options given below:

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

Options :

- 51245249261. 1
- 51245249262. 2
- 51245249263. 3
- 51245249264. 4

Question Number : 59 Question Id : 51245215505 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : *Phytophthora* is not considered as true fungi.

Reason R : They are devoid of chitin.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

- 51245249265. 1
- 51245249266. 2
- 51245249267. 3
- 51245249268. 4

Question Number : 60 Question Id : 51245215506 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Bothrosome is present in

1. Myxomycetes
2. Labyrinthulomycetes
3. Chytridiomycetes
4. Ascomycetes

Options :

- 51245249269. 1
- 51245249270. 2
- 51245249271. 3

51245249272. 4

Question Number : 61 Question Id : 51245215507 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. <i>Penicillium camemberti</i>	I. mycoses
B. <i>Penicillium notatum</i>	II. fermentation
C. <i>Penicillium marneffi</i>	III. cheese
D. <i>Penicillium italicum</i>	IV. Penicillin
	V. soft rot of citrus

Choose the **correct** answer from the options given below:

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

Options :

51245249273. 1
51245249274. 2
51245249275. 3
51245249276. 4

Question Number : 62 Question Id : 51245215508 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Give the correct sequence of structures from the lower to upper side in *Penicillium*

- A. Rami
- B. Sterigmata
- C. Metulae
- D. Conidiophore
- E. Phialids

Choose the **correct** answer from the options given below

- 1. D,A,C,E,B
- 2. D,B,C,A,E
- 3. A,C,B,E,D
- 4. A,B,C,E,D

Options :

- 51245249277. 1
- 51245249278. 2
- 51245249279. 3
- 51245249280. 4

Question Number : 63 Question Id : 51245215509 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The stage of *Puccinia* life cycle not observed in Barberry plant is

- 1. uredosori
- 2. aecia
- 3. spermatia
- 4. basidia

Options :

- 51245249281. 1
- 51245249282. 2
- 51245249283. 3
- 51245249284. 4

Question Number : 64 Question Id : 51245215510 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. dikaryon	I. aeciospore
B. binucleate spore	II. pycnidia
C. spore with apical cap	III. teliospore
D. thin walled spores cut off in chains	IV. uredospore
	V. spermatia

Choose the **correct** answer from the options given below:

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

Options :

- 51245249285. 1
- 51245249286. 2
- 51245249287. 3
- 51245249288. 4

Question Number : 65 Question Id : 51245215511 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following *Puccinia* resistant gene is found in wheat plant

1. Sr31
2. Yr9
3. Lr20
4. Pm8

Options :

51245249289. 1
51245249290. 2
51245249291. 3
51245249292. 4

Question Number : 66 Question Id : 51245215512 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following mushroom is non-edible but has very high medicinal importance

1. *Termitomyces*
2. *Ganoderma*
3. *Calocybe*
4. *Volvariella*

Options :

51245249293. 1
51245249294. 2
51245249295. 3
51245249296. 4

Question Number : 67 Question Id : 51245215513 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Compactin is a drug obtained from fungal source used in

1. lowering of blood pressure
2. renal failure
3. tissue healing
4. lowering of cholesterol

Options :

51245249297. 1

51245249298. 2

51245249299. 3

51245249300. 4

Question Number : 68 Question Id : 51245215514 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Foliose lichen	I. <i>Caloplaca marina</i> .
B. Fruticose lichen	II. <i>Squamarina cartilaginea</i>
C. Crustose lichen	III. <i>Teloschistes chrysophthalmus</i>
D. Squamulose lichen	IV. <i>Pseudocyphellaria rainierensis</i> .
	V. <i>Caloplaca chrysodeta</i>

Choose the **correct** answer from the options given below:

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

Options :

- 51245249301. 1
- 51245249302. 2
- 51245249303. 3
- 51245249304. 4

Question Number : 69 Question Id : 51245215515 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The fungal member having the property of trapping insect belongs to order

- 1. Agaricales
- 2. Aphyllophorales
- 3. Polyporales
- 4. Ustilaginales

Options :

- 51245249305. 1
- 51245249306. 2
- 51245249307. 3
- 51245249308. 4

Question Number : 70 Question Id : 51245215516 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Glomalin is a

- 1. glycoprotein
- 2. lipoprotein
- 3. water soluble protein
- 4. soil binding protein

Options :

- 51245249309. 1
- 51245249310. 2
- 51245249311. 3

51245249312. 4

Question Number : 71 Question Id : 51245215517 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following plant group does not belong to Archegoniates

1. gymnosperms
2. pteridophytes
3. charophytes
4. bryophytes

Options :

51245249313. 1

51245249314. 2

51245249315. 3

51245249316. 4

Question Number : 72 Question Id : 51245215518 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Arrange the plants in the order of appearance

A. *Marchantia*

B. *Selaginella*

C. *Pogonatum*

D. *Gnetum*

E. *Pteris*

Choose the **correct** answer from the options given below

1. A,B,C,D,E

2. B,C,E,A,D

3. A,B,E,D,C

4. A,C,B,E,D

Options :

51245249317. 1

51245249318. 2

51245249319. 3

51245249320. 4

Question Number : 73 Question Id : 51245215519 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The number of genera in bryophyte is around

1. 750

2. 850

3. 950

4. 1050

Options :

- 51245249321. 1
- 51245249322. 2
- 51245249323. 3
- 51245249324. 4

Question Number : 74 Question Id : 51245215520 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Mosses are considered as the most advanced bryophytes

Reason R: They exhibit maximum sterilization of sporogenous tissue

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

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

Options :

- 51245249325. 1
- 51245249326. 2
- 51245249327. 3
- 51245249328. 4

Question Number : 75 Question Id : 51245215521 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The algal order that gives rise to bryophytes are

1. Oedogoniales
2. Chaetophorales
3. Charales
4. Volvocales

Options :

- 51245249329. 1
- 51245249330. 2
- 51245249331. 3
- 51245249332. 4

Question Number : 76 Question Id : 51245215522 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following is NOT a character of *Riccia*:

1. mid rib
2. scales
3. air spaces
4. elaters

Options :

- 51245249333. 1
- 51245249334. 2
- 51245249335. 3
- 51245249336. 4

Question Number : 77 Question Id : 51245215523 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The leaves are caducous in:

1. *Pellia*
2. *Porella*
3. *Marchantia*
4. *Sphagnum*

Options :

51245249337. 1
51245249338. 2
51245249339. 3
51245249340. 4

Question Number : 78 Question Id : 51245215524 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

- A. Metzgeriales are usually found in the dark, damp, and shady areas
- B. *Riccia* also belong to this order
- C. The sporophyte of *Riccia* is embedded in the gametophyte
- D. *Marchantia* has nurse cells.
- E. Jungermaniales are under hepatocopsida

Choose the **correct** answer from the options given below:

1. A, B and D only
2. A, C and E only
3. A, B and C only
4. A and E only

Options :

- 51245249341. 1
- 51245249342. 2
- 51245249343. 3
- 51245249344. 4

Question Number : 79 Question Id : 51245215525 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following structure in bryophytes help in anchorage

- 1. smooth walled rhizoids
- 2. tuberculate rhizoids
- 3. scales
- 4. paraphillia

Options :

- 51245249345. 1
- 51245249346. 2
- 51245249347. 3
- 51245249348. 4

Question Number : 80 Question Id : 51245215526 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Amphigastria is present in

- 1. *Porella*
- 2. *Notothyllus*
- 3. *Anthoceros*
- 4. *Marchantia*

Options :

- 51245249349. 1
- 51245249350. 2
- 51245249351. 3

51245249352. 4

Question Number : 81 Question Id : 51245215527 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In India *Marchantia* is mainly found in

1. Eastern Himalayas
2. Eastern Ghats
3. Western Ghats
4. Western Himalayas

Options :

51245249353. 1
51245249354. 2
51245249355. 3
51245249356. 4

Question Number : 82 Question Id : 51245215528 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: *Ricciocarpos* has air chamber in the gametophytic thallus

Reason R: It grows in moist shady places.

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

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

Options :

- 51245249357. 1
- 51245249358. 2
- 51245249359. 3
- 51245249360. 4

Question Number : 83 Question Id : 51245215529 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The transgenic variety of the following bryophyte is used against hemophilia

- 1. *Physcomitrella*
- 2. *Funaria*
- 3. *Polytrichum*
- 4. *Marchantia*

Options :

- 51245249361. 1
- 51245249362. 2
- 51245249363. 3
- 51245249364. 4

Question Number : 84 Question Id : 51245215530 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

- A. *Sphagnum* contributes to the flavor of scotch whiskey
- B. *Marchantia polymorpha* has antileukaemic activity.
- C. Sesquiterpenoid stulipinolide is an anticancer compound
- D. *Polytrichum juniperinum* has anti-cancer activity against all types of carcinoma.
- E. *Campotothecium* possess anti- bacterial activity

Choose the **correct** answer from the options given below:

- 1. A, B and D only
- 2. A, B and E only
- 3. A, B and C only
- 4. C, D and E only

Options :

- 51245249365. 1
- 51245249366. 2
- 51245249367. 3
- 51245249368. 4

Question Number : 85 Question Id : 51245215531 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match List I with **List II**

List I	List II
A. <i>Dryopteris</i>	I. Walking fern
B. <i>Adiantum</i>	II. Maiden hair fern
C. <i>Cyathea</i>	III. Silver fern
D. <i>Cheilanthes</i>	IV. Horsetail
	V. Tree fern

Choose the **correct** answer from the options given below:

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

Options :

51245249369. 1
51245249370. 2
51245249371. 3
51245249372. 4

Question Number : 86 Question Id : 51245215532 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Coenosorus is found in

1. *Dryopteris*
2. *Davallia*
3. *Pteris*
4. *Ophioglossum*

Options :

51245249373. 1

51245249374. 2

51245249375. 3

51245249376. 4

Question Number : 87 Question Id : 51245215533 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. <i>Cooksonia pertoni</i>	I. Globose sporangia
B. <i>Cooksonia cambrensis</i>	II. Bowl shaped sporangia
C. <i>Cooksonia caledonica</i>	III. Plate like sporangia
D. <i>Cooksonia paranensis</i>	IV. Sub globose sporangia
	V. Reniform sporangium

Choose the **correct** answer from the options given below:

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

Options :

51245249377. 1

51245249378. 2

51245249379. 3

51245249380. 4

Question Number : 88 Question Id : 51245215534 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Rhizophore is called organ sui generis

Reason R: It acts as a supportive organ.

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

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

Options :

51245249381. 1

51245249382. 2

51245249383. 3

51245249384. 4

Question Number : 89 Question Id : 51245215535 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: *Selaginella* can form a dried ball like structure

Reason R: It is called a resurrection plant.

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

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

Options :

- 51245249385. 1
- 51245249386. 2
- 51245249387. 3
- 51245249388. 4

Question Number : 90 Question Id : 51245215536 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Equisetum may exhibit the selective absorption of the following metal:

1. silver
2. copper
3. gold
4. iron

Options :

- 51245249389. 1
- 51245249390. 2
- 51245249391. 3

51245249392. 4

Question Number : 91 Question Id : 51245215537 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The stele that is not available in *Pteris*

1. Solenostele
2. Siphonostele
3. Dictyostele
4. Protostele

Options :

51245249393. 1

51245249394. 2

51245249395. 3

51245249396. 4

Question Number : 92 Question Id : 51245215538 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Arrange the cells in the order of formation in fern sporangium

- A. archesporial cell
- B. jacket cell
- C. apical cell
- D. tapetal cell
- E. sporogenous cell

Choose the **correct** answer from the options given below

1. A,B,C,D,E.
2. C,B,A,D,E
3. A,C,B,D,E
4. E,C,B,D,A.

Options :

- 51245249397. 1
- 51245249398. 2
- 51245249399. 3
- 51245249400. 4

Question Number : 93 Question Id : 51245215539 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. <i>Actinopteris</i>	I. Healing of wound
B. <i>Acrostichum</i>	II. Liver tonic
C. <i>Adiantum</i>	III. Anthelmintic
D. <i>Drynaria</i>	IV. Against cough and cold
	V. Anti cancer

Choose the **correct** answer from the options given below:

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

Options :

51245249401. 1
51245249402. 2
51245249403. 3
51245249404. 4

Question Number : 94 Question Id : 51245215540 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Kaempferol monoglycoside is obtained from which species of *Pteris*?

1. *Pteris polyphylla*
2. *Pteris multifila*
3. *Pteris vittata*
4. *Pteris umbrosa*

Options :

51245249405. 1

51245249406. 2

51245249407. 3

51245249408. 4

Question Number : 95 Question Id : 51245215541 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The smallest gymnosperm is

1. *Zamia*

2. *Dioon*

3. *Macrozamia*

4. *Thuja*

Options :

51245249409. 1

51245249410. 2

51245249411. 3

51245249412. 4

Question Number : 96 Question Id : 51245215542 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : *Pinus* exhibits anemophily

Reason R : The pollen grains have winglike projections.

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

- 51245249413. 1
- 51245249414. 2
- 51245249415. 3
- 51245249416. 4

Question Number : 97 Question Id : 51245215543 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following gymnospermous order is extinct

1. Cycadales
2. Cordaitales
3. Ginkgoales
4. Gnetales

Options :

- 51245249417. 1
- 51245249418. 2
- 51245249419. 3

51245249420. 4

Question Number : 98 Question Id : 51245215544 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following character is not observed in *Gnetum*

1. trachea
2. reticulate venation
3. triploid endosperm
4. perianth

Options :

51245249421. 1
51245249422. 2
51245249423. 3
51245249424. 4

Question Number : 99 Question Id : 51245215545 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The following structure is absent in conifer

1. male cone
2. bract scale
3. polyembryony
4. cupule

Options :

51245249425. 1
51245249426. 2
51245249427. 3
51245249428. 4

Question Number : 100 Question Id : 51245215546 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Match **List I** with **List II**

List I	List II
A. Tentpole structure	I. <i>Pinus</i>
B. Stamen	II. <i>Cycas</i>
C. Corallorhiza	III. <i>Ginkgo</i>
D. Foliar spur	IV. <i>Gnetum</i>
	V. <i>Dioon</i>

Choose the **correct** answer from the options given below:

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

Options :

51245249429. 1

51245249430. 2

51245249431. 3

51245249432. 4