

S.Y.B.Sc,sem4,paper3 BOT

1)MostcommonlyusedvegetativepropagationmethodinRose

- a)Layering
- b)Grafting
- c)Budding
- d)Tissueculture

Answer:C

2.Propagationofonionisdoneby

- a)suckers
- b)Cuttings
- c)division
- d)separation

Answer:D

3.ThemostsuitablemediumforOrchidcultivation

- a)Soil+sand
- b)soil+brokenbricks
- c)coirpith+Brokenbricks
- d)Woodenchips+Brokenchips

Answer:D

4.Tocontroldamagebyearthwormsandtermitesinlawnwhichmethodofthefollowingcanbeused?

- a)manuring
- b)rolling

c)weeding

d)replanting

Answer:B

5.Whichisnotagardenstyle?

a)English

b)American

c)French

d)Moghul

Answer:B

6.Japanesemethodofflowerarrangementisknownas

Ikebana

a)Ikebana

b)Ikenobo

c)Moribana

d)Morimono

Answer:A

7.Yellowingoflawngrassindicatesdeficiencyofwhichnutrients

a)Nitrogen

b)Phosphorus

c)Potassium

d)Oxygen

Answer:A

8. Which of the following greenhouse styles is recommended for hilly areas?

- a) even span
- b) uneven span
- c) lean to
- d) Ridge and furrow

Answer: D

9. Which irrigation method is most suitable for lawns/turfs?

- a) Furrow
- b) Drip
- c) Basin
- d) Sprinkler

Answer: D

10. Zengarden are also known as

- a) Italian garden
- b) Mughal garden
- c) English garden
- d) Japanese garden

Answer: D

11) Restriction enzymes were discovered by

- A) Smith and Nathans
- B) Alexander Fleming

C)Berg

D) larsen

Answer:A

12. Bacteria protect themselves from viruses by fragmenting viral DNA with

A) Ligase

B) Endonuclease

C) Exonuclease

D) Gyrase

Answer:B

13) Klenow fragment is derived from

A) DNALigase

B) DNAPol-I

C) DNAPol-II

D) Reverse Transcriptase

Answer:B

14) Southern blotting is

A) Attachment of probe to DNA fragments

B) Transfer of DNA fragments from electrophoretic gel to an nitrocellulose sheet

C) Comparison of DNA fragments to two sources

D) Transfer of DNA fragments to electrophoretic gel from cellulose membrane

Answer:B

15) ELISA is

- A) Using radiolabelled second antibody
- B) Usage of RBCs
- C) Using complement-mediated cell lysis
- D) Addition of substrate that is converted into a coloured end product

Answer: D

16) The Golden Rice variety is rich in

- A) Vitamin C
- B) B-carotene and ferritin
- C) Biotin
- D) Lysine

Answer: B

17) The DNA fragments have sticky ends due to

- A) Endonuclease
- B) Unpaired bases
- C) Calcium ions
- D) Free methylation

Answer: B

18) Plasmids are used as cloning vectors for which of the following reasons?

- A) Can be multiplied in culture
- B) Self-replication in bacterial cells
- C) Can be multiplied in laboratories with the help of enzymes

D)Replicatefreelyoutsidebacterialcells

Answer:B

19)Thehumangenomeprojectwaslaunchedintheyear

A)1980

B)1973

C)1990

D)1989

Answer:C

20)ThevaccinespreparedthroughrecombinantDNATEchnologyare

A)Thirdgenerationvaccines

B)First-generationvaccines

C)Second-generationvaccines

D)Fourth-generationvaccines

Answer:A

21)Whichisageneticallymodifiedcrop?

A)Bt-cotton

B)Bt-brinjal

C)Goldenrice

D) Brown rice

Answer:A

22)PCRtechniquewasinventedby

A)KarryMullis

B)Boyer

C)Sanger

D)Cohn

Answer:A

23)Thefirsttransgenicplanttobeproducedis

A)Brinjal

B)Tobacco

C)Rice

D)Cotton

Answer:B

24)RNAinterferencehelpsin

A)Cellproliferation

B)Micropropagation

C)Celldefence

D)Celldifferentiation

Answer:C

25)Whichofthefollowingisthequalityofimprovedtransgenicbasmatirice?

A)Giveshighyieldbutnocharacteristicaroma

B)GiveshighyieldandisrichinvitaminA

C)Doesnotrequirechemicalfertilizersandgrowthhormones

D)Resistanttoinsectsanddiseases

Answer:B