



Syeda Aqsa Fatima Anjum

Biology Mock Test Result

Result	Marks	Percentage	Result Date
Pass	50	83%	19-03-2023

:- Result Stats

Score	50	Accuracy %	84
Avg Time Per Question	15 Sec	Total Question	60
Total Question Attempted	60	Total Question Answered	60
Correct Answered	50	Total Time of Test	1:10 Hr
Time Spend	15:5 Min	Avg Time On Question	15 Sec
Non Productive Time	-	Benchmark	90

:- Subject Wise Stats

BIOLOGY

Total Question	60	Total Question Attempted	60
Total Question Answered	60	Correct Answered	50
Wrong Answered	10	Skipped Question	-
Total Time Spend	15:5 Min	Average Time Spend(per question)	15 Sec
Correct Answered Time	12:40 Min	Wrong Answered Time	2:25 Min
Skipped Question Time	-		-

:- Recommendation

Congratulations! Syeda Aqsa Fatima Anjum you have pass the exam , but did not achieved the benchmark 90. Try to focus on below points:

- Your question attempt speed is optimal

Q.No. 1

Indigestion of fats in humans may be an indication of

- (A) Under-secretion of amylopsin
- (B) Inflammation of liver
- (C) Under-secretion of saliva
- (D) Intestinal ulcers

Status : Correct Answered

Correct Answer : (B)

Q.No. 2

Accessory ducts of reproductive system of human female include:

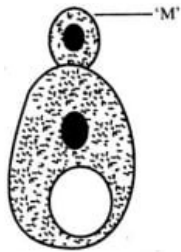
- (A) Oviduct, uterus & vagina
- (B) Oviduct, ovaries & ovarian ligaments
- (C) Oviduct, ovaries & mammary glands
- (D) Ovaries, uterus & vagina

Status : Correct Answered

Correct Answer : (A)

Q.No. 3

Identify the asexual reproductive structure 'M' in the following diagram:



- (A) Conidium
- (B) Gemmule
- (C) Bud
- (D) Zoospore

Status : Correct Answered

Correct Answer : (C)

Q.No. 4

Morphine is obtained from the:

- (A) Inflorescence of Cannabis
- (B) Leaves of Erythroxyllum
- (C) Latex of poppy plant
- (D) Root Of Atropa

Status : Correct Answered

Correct Answer : (C)

Q.No. 5

Identify the DNA sequence which can be cut using EcoRI.

- (A) 3'ACGAATTCAT5' 5'TACTTAAGCA3'
- (B) 5'TGCTTAAGTA3' 3ATGAATTCGT5'
- (C) 5'ACGAATTCAT3' 3'TGCTTAAGTA5'
- (D) 5'TGCTTAAGTA3' 3'ACGAATTCAT5'

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 6

Even in the absence of pollinators, assured seed set will be there in

- (A) Chasmogamous flowers
- (B) Geitonogamy
- (C) Cleistogamous flowers
- (D) Xenogamy

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 7

The following factors indicate improved reproductive health of the society. Choose the correct option.

- [1] Better detection and cure of disease
- [2] Better post-natal care
- [3] Medically assisted deliveries
- [4] Increased MMR

Select the code for the correct answer from the options given below :

- (A) 2,3 and 4 only
- (B) 1,2 and 3 only
- (C) 1,3 and 4 only
- (D) 1,2 and 4 only

Status : **Correct Answered**

Correct Answer : **(B)**

Q.No. 8

Digestion of both starch and proteins is carried out by enzymes of

- (A) Gastric juice
- (B) Saliva
- (C) Bile juice
- (D) Pancreatic juice

Status : **Correct Answered**

Correct Answer : **(D)**

Q.No. 9

Identify the odd one from the following :



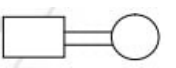

- (A) α -Interferon
- (B) Oncogenic virus
- (C) Proto-oncogenes
- (D) UV rays

Status : **Wrong Answered**

Correct Answer : **(A)**

Q.No. 10

In the following symbols, used in human pedigree Analysis, identify the symbol that denotes consanguineous mating.

- (A) 
- (B) 
- (C) 
- (D) 

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 11

The trees growing in temperate regions show clear demarcation between spring wood and autumn wood. This is because

- (A) The climatic conditions are not uniform throughout the year
- (B) The temperature is high
- (C) The water stress is more
- (D) The climatic conditions are uniform throughout the year

Status : **Correct Answered**

Correct Answer : **(A)**

Q.No. 12

Match the following Column I with Column II:

<i>Column I</i>	<i>Column II</i>
1. Surgical methods	I. Condom
2. Barrier methods	II. Pills
3. Natural methods	III. Tubectomy
4. Chemical methods	IV. Lactational amenorrhea

Select the code for the correct answer

(A) 1-III 2-I 3-IV 4-II

(B) 1-III 2-IV 3-I 4-II

(C) 1-IV 2-III 3-II 4-I

(D) 1-II 2-I 3-III 4-IV

Status : Correct Answered

Correct Answer : (A)

Q.No. 13

The type Of epithelium found in the fallopian tube which functions to move particles or mucous in specific direction is:

(A) Squamous epithelium

(B) Cuboidal epithelium

(C) Ciliated epithelium

(D) Columnar epithelium

Status : Correct Answered

Correct Answer : (C)

Q.No. 14

If a tetraploid plant contains 48 chrormsones in its nucellus, then number of chromosomes in the egg cell and in a synergid respectively:

(A) 48 and 48

(B) 24 and 24

(C) 24 and 48

(D) 48 and 24

Status : Correct Answered

Correct Answer : (B)

Q.No. 15

In lac-operon concept of gene expression, allolactose acts as,

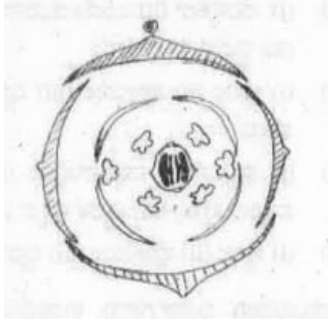
- (A) repressor
- (B) inducer
- (C) co-repressor
- (D) coenzyme

Status : Correct Answered

Correct Answer : (B)

Q.No. 16

Choose the correct floral formula of the



- (A) $\oplus \overset{\uparrow}{\underset{\downarrow}{\text{O}}} K_{(2+2)} C_4 A_{4+2} G_{(3)}$
- (B) $\oplus \overset{\uparrow}{\underset{\downarrow}{\text{O}}} K_{(3)+2} \overset{\curvearrowright}{C_4} A_4 G_{(2+1)}$
- (C) $\oplus \overset{\uparrow}{\underset{\downarrow}{\text{O}}} K_{2+2} C_4 A_{2+4} G_{(2)}$
- (D) $\oplus \overset{\uparrow}{\underset{\downarrow}{\text{O}}} K_{2+2} C_4 A_{2+4} G_2$

Status : Correct Answered

Correct Answer : (C)

Q.No. 17

The type of epithelium found in the inner lining of PCT is

- (A) Squamous epithelium
- (B) Cuboidal epithelium
- (C) Glandular epithelium
- (D) Ciliated epithelium

Status : Correct Answered

Correct Answer : (B)

Q.No. 18

When does the lac-operon in E. coli become “switched on” ?

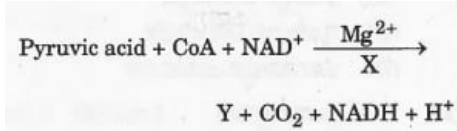
- (A) Repressor binds to operator
- (B) RNA polymerase binds to operator
- (C) Lactose is present and it binds to the repressor
- (D) Lactose is present and it binds to RNA polymerase

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 19

In the following reaction, identify X and Y respectively



- (A) Water, Acetyl CoA
- (B) Acetyl CoA, Pyruvate dehydrogenase
- (C) Pyruvate dehydrogenase, Acetyl CoA
- (D) Pyruvate dehydrogenase, Oxalo-acetic acid

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 20

Choose the bacterium which is not a source of REN.

- (A) Haemophilus influenzae
- (B) Escherichia coli
- (C) Agrobacterium tumefaciens
- (D) Bacillus amyloliquefaciens

Status : **Wrong Answered**

Correct Answer : **(C)**

Q.No. 21

The inner cell mass of blastocyst become:

- (A) extraembryonic membrane
- (B) differentiated into embryo proper
- (C) chorionic villi
- (D) placenta

Status : **Correct Answered**

Correct Answer : **(B)**

Q.No. 22

In human females, the number of primary follicles left in each ovary at puberty is:

- (A) 3000 - 30,000
- (B) 30,000 - 60,000
- (C) 60,000 - 80,000
- (D) 1,50,000 - 1,60,000

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 23

Among the following statements related to pollens, choose the correct one.

Statement I : In 40% of angiosperms pollen grains are shed at 3-celled stage.

Statement II : Intine is made of cellulose and pectin and it is discontinuous with germ pores.

- (A) Both I and II are correct
- (B) Both I and II are incorrect
- (C) I is correct and II is incorrect
- (D) I is incorrect and II is correct

Status : **Wrong Answered**

Correct Answer : **(C)**

Q.No. 24

A mature mRNA consists of 900 bases without any stop codon in between. Calculate the number of amino acids coded by this mRNA during translation.

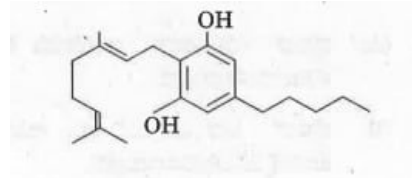
- (A) 450
- (B) 300
- (C) 299
- (D) 900

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 25

From which of the given plants is the drug whose skeletal structure is given below extracted ?



- (A) *Papaver somniferum*
- (B) *Atropa belladonna*
- (C) *Cannabis sativa*
- (D) *Erythroxylum coca*

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 26

Which class Of Algae reproduces asexually by non-motile spores and sexually by non-motile gametes?

- (A) Rhodophyceae
- (B) Phaeophyceae
- (C) Chlorophyceae
- (D) Cyanophyceae

Status : Correct Answered

Correct Answer : (A)

Q.No. 27

The outcome of Calvin cycle include:

- (A) 6CO_2 , 18ATP, 12NADPH
- (B) One glucose, 18 ATP, 12 NADPH
- (C) 6CO_2 , ADP, 12 NADP
- (D) One glucose, 18 ADP, 12 NADP

Status : Wrong Answered

Correct Answer : (D)

Q.No. 28

Now-a-days agricultural practice is expensive to the farmers as they need to purchase hybrid seeds every year. Which of the following strategies can be employed to overcome this problem?

- (A) Parthenocarpy
- (B) Conventional plant breeding
- (C) Production of Apomictic seeds
- (D) dermatology

Status : Wrong Answered

Correct Answer : (C)

Q.No. 29

Which of the following protozoan parasites causes sleeping sickness?

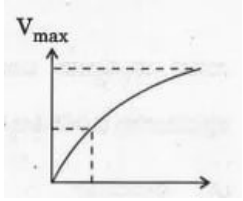
- (A) Trypanosoma
- (B) Leishmania
- (C) Entamoeba
- (D) Plasmodium

Status : Correct Answered

Correct Answer : (C)

Q.No. 30

The following graph shows concentration of substrate on enzyme activity :



What does the Y-axis represent ?

- (A) Temperature
- (B) Velocity of reaction
- (C) pH
- (D) Pressure

Status : **Correct Answered**

Correct Answer : **(B)**

Q.No. 31

Testa and Tegmen of the seed coat represent

- (A) Dried Petals
- (B) Dried Tepals
- (C) Dried Sepals
- (D) Dried Integuments

Status : **Correct Answered**

Correct Answer : **(D)**

Q.No. 32

Implantation is influenced by

- (A) FSH
- (B) LH
- (C) Progesteron
- (D) Relaxin

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 33

Choose the correct statement from the following:

- (A) Person with blood group AB can donate blood to person with blood group A.
- (B) Atherosclerosis is often referred as angina pectoris.
- (C) Histamine, Serotonin and Heparin are secreted by basophils.
- (D) Erythroblastosis foetalis may result when foetus is Rh-ve and mother is Rh+ve

Status : **Wrong Answered**

Correct Answer : **(C)**

Q.No. 34

Match the animals of Column I with the Column II and select the correct options

Column I	Column II
1. DNA replication	I. RNA polymerase
2. Translation	II. DNA polymerase
3. Transcription	III. Reverse transcriptase
4. Reverse transcription	IV. Aminoacyl synthetase

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

Status : **Wrong Answered**

Correct Answer : **(B)**

Q.No. 35

The process of decomposition delays when,

- (A) the detritus is made up of sugars and nitrogen compounds
(B) aeration is sufficient
(C) warm and moist environment exists.
(D) detritus is rich in lignin chitin.

Status : **Correct Answered**

Correct Answer : **(D)**

Q.No. 36

Which one of the following ecosystem has the highest annual net primary productivity?

- (A) Temperature evergreen forest
(B) Tropical rain forest
(C) Tropical deciduous forest
(D) Desert

Status : **Correct Answered**

Correct Answer : **(B)**

Q.No. 37

Several mammary ducts join to form a wider structure called

- (A) Lactiferous duct
(B) Mammary lobe
(C) Mammary ampulla
(D) Mammary tubules

Status : **Correct Answered**

Correct Answer : **(C)**

Q.No. 38

The process of conversion of non-motile spermatids into motile spermatozoa is called

- (A) Spermiogenesis
- (B) Oogenesis
- (C) Sporogenesis
- (D) Spermatogenesis

Status : Correct Answered

Correct Answer : (A)

Q.No. 39

Which Of the following options show the characters Of mycoplasma?

- (A) Smallest living cell without cell wall survive with oxygen.
- (B) Smallest living cell with cell wall survive with oxygen.
- (C) Smallest living cell without cell wall survive without oxygen
- (D) Smallest living cell with cell wall without oxygen.

Status : Correct Answered

Correct Answer : (C)

Q.No. 40

If in a normal Menstruating woman, menses occur on 5th April, what will be the expected date of Ovulation?

- (A) 14th April
- (B) 29th April
- (C) 18th April
- (D) 10th April

Status : Correct Answered

Correct Answer : (C)

Q.No. 41

Match the animals of Column I with their respective classes in Column II and choose the correct answer.

Column I	Column II
1. Aptenodytes	I. Aves
2. Hemidactylus	II. Chondrichthyes
3. Carcharodon	III. Mammalia
4. Pteropus	IV. Reptilia
	V. Osteichthyes

Select the code for the correct answer from the options given below :

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

Status : **Wrong Answered**

Correct Answer : **(D)**

Q.No. 42

The type of sex determination in honey bee is:

- (A) Haplodiploidy
- (B) Haploidy
- (C) Diploidy
- (D) ZZ-ZW

Status : **Correct Answered**

Correct Answer : **(A)**

Q.No. 43

Snow blindness is caused due to

- (A) Global warming
- (B) Ozone depletion
- (C) Greenhouse effect
- (D) Biomagnification

Status : **Correct Answered**

Correct Answer : **(B)**

Q.No. 44

Which of the following sequences of mRNA are required for translation process but are not translated ?

- (A) Stop codons
- (B) Anticodons
- (C) Sense codons
- (D) UTR

Status : **Correct Answered**

Correct Answer : **(D)**

Q.No. 45

DNA, present in the nucleus, was named as Nuclein' by

- (A) James Watson and Crick
- (B) Friedrich Miescher
- (C) Maurice Wilkins
- (D) Rosalind Franklin

Status : Correct Answered

Correct Answer : (B)

Q.No. 46

From the given options, identify the correct combination of population interactions that correspond to the symbols given here

- (A) ++Mutualism --Parasitism +OAmensalism
- (B) ++Mutualism --Competition +OCommensalism
- (C) ++Predation --Competition +OCommensalism
- (D) ++Parasitism --Competition +OMutualism

Status : Correct Answered

Correct Answer : (B)

Q.No. 47

A plant shows the following modifications :

- (i) leaves covered with dense hairs
- (ii) leaf surface shiny or glabrous
- (iii) leaf blade remains rolled during day

The adaptation of tie plant is to:

- (A) conserve water
- (B) prevent excessive heat
- (C) Check transpiration
- (D) absorb water

Status : Correct Answered

Correct Answer : (B)

Q.No. 48

The method of natural contraception which requires correct knowledge of Menstrual cycle is

- (A) Coitus interrupts
- (B) IUDs – Intrauterine Devices
- (C) Lactational Amenorrhoea
- (D) Periodic Abstinence

Status : Correct Answered

Correct Answer : (D)

Q.No. 49

Microbes like Spirulina can be good alternate to the conventional sources of proteins for human nutrition, because

- (A) they are produced using synthetic fertilisers
- (B) they have high fibre content
- (C) they give more biomass in less time
- (D) their proteins are different from plant proteins

Status : Correct Answered

Correct Answer : (C)

Q.No. 50

Identify the correct order of steps involved in Artificial hybridization in plants:

- (A) Bagging Artificial pollination Rebagging Emasculation
- (B) Emasculation Bagging Artificial pollination Rebagging
- (C) Rebagging Artificial pollination Bagging Emasculation
- (D) Artificial pollination Emasculation Rebagging Bagging

Status : Correct Answered

Correct Answer : (B)

Q.No. 51

Which of the following factors is favourable for the formation of oxyhaemoglobin in the alveoli of human lungs ?

- (A) High $p\text{CO}_2$
- (B) Lower temperature
- (C) High H^+ concentration
- (D) Low $p\text{O}_2$

Status : Correct Answered

Correct Answer : (B)

Q.No. 52

Example of autosomal hyper aneuploidy is:

- (A) Down's syndrome
- (B) Klinefelter's syndrome
- (C) Turner's syndrome
- (D) Haemophilia

Status : Correct Answered

Correct Answer : (A)

Q.No. 53

The historic convention related to conservation of biological diversity is also known as

- (A) Montreal Protocol
- (B) World Summit
- (C) Kyoto Protocol
- (D) Earth Summit

Status : Wrong Answered

Correct Answer : (D)

Q.No. 54

In which of the following steps in DNA fingerprinting technique are labelled VNTR probes used ?

- (A) During isolation of DNA
- (B) During digestion of DNA by REN
- (C) During electrophoresis
- (D) During hybridization

Status : Wrong Answered

Correct Answer : (D)

Q.No. 55

Identify the incorrect statement with reference of Biocontrol agents:

- (A) They do not affect non-target pests
- (B) They are significant in treating ecologically sensitive area
- (C) They help to increase the use of synthetic pesticides
- (D) They do not show any negative impact on crop plants

Status : Correct Answered

Correct Answer : (C)

Q.No. 56

Match the items of Column I with those of Column II and choose the correct answer.

<i>Column I</i>	<i>Column II</i>
1. Hepatitis B vaccine	I. IgA
2. Preformed antibodies	II. Against snake venom
3. Colostrum	III. Neutrophils
4. PMNL	IV. Yeast
	V. Basophils

Select the code for the correct answer from the options given below :

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

Status : Correct Answered

Correct Answer : (A)

Q.No. 57

Identify the elements whose deficiency causes both necrosis and chlorosis.

- (A) Mg, K
- (B) Mo, Ca
- (C) Fe, Mn
- (D) Cu, Co

Status : Correct Answered

Correct Answer : (A)

Q.No. 58

When tripalmitin is used as respiratory substrate in aerobic respiration, the process consumes 145 molecules of Oxygen and releases 102 molecules of CO², then RQ value would be

- (A) 1.0
- (B) 1.4
- (C) 0.7
- (D) 0.5

Status : Correct Answered

Correct Answer : (C)

Q.No. 59

The hormones involved in maintaining balance in the human body are:

- (A) PTH and TCT
- (B) PTH and LTH
- (C) TCT and FSH
- (D) MSH and ACTH

Status : Correct Answered

Correct Answer : (A)

Q.No. 60

The number of ATP molecules utilised for the breakdown of one molecule of glucose during glycolysis is:

- (A) 4
- (B) 2
- (C) 6
- (D) 8

Status : Correct Answered

Correct Answer : (B)
