

Admission Entry Test – Fall 2022

23rd July, 2022

Total Marks: 100

Time: 90 minutes

Programme Applied for _____

Name: _____

Contact No.: _____

Current Address: _____

Qualification: _____

Signature of the Applicant: _____

Part I: Biology

- FSC Pre-Medical Biology Course

Total Question: 20

Time Allowed: 20 Mins

Part II: English

- Tenses and Grammar
- Correction of Sentences
- Vocabulary
- Preposition
- Punctuations

Total Question: 40

Time Allowed: 35 Mins

Part III: General Knowledge

- Current Affairs
- Sports
- Pakistan Studies
- History

Total Question: 20

Time Allowed: 15 Mins

Part IV: Analytical Reasoning

- Statement and Argument
- Cause and Effects
- Statement and Assumptions
- Syllogism

Total Question: 20

Time Allowed: 20 Mins

Part I: Biology

1. A group of ribosomes attached to mRNA is known as:
 - a. Lysosomes
 - b. Polysomes
 - c. Glyoxisomes
 - d. Peroxisomes
2. The cell wall is secreted by:
 - a. Protoplasm
 - b. Nucleoplasm
 - c. Golgi complex
 - d. Ribosome
3. Membrane bounded green pigment-containing bodies present in the cells are called as:
 - a. Plastids
 - b. Chloroplasts
 - c. Chromoplasts
 - d. Leucoplasts
4. Germ theory of disease was formulated by:
 - a. Louis Pasteur
 - b. Robert Koch
 - c. Antone van Leeuwenhoek
 - d. Edward Jenner
5. Lock and key model was proposed by:
 - a. Emil Fisher
 - b. Koshland
 - c. Rudolph Virchow
 - d. Lorenz Oken
6. Optimum pH for pancreatic lipase is:
 - a. 8.00
 - b. 7.00
 - c. 9.00
 - d. 6.00
7. If the non-protein part of Enzyme is covalently bonded then it is called:
 - a. Co-factor
 - b. Activator
 - c. Co-enzyme
 - d. Prosthetic group
8. Reversible inhibitors form Weak linkage with the:
 - a. Enzyme
 - b. Reactant
 - c. Product
 - d. Substrate
9. A process in which ribulose bisphosphate carboxylase/oxygenase (Rubisco) fixes oxygen instead of carbon dioxide is called:
 - a. Respiration
 - b. Photorespiration
 - c. Glycolysis
 - d. Krebs cycle
10. Important sources of atmospheric oxygen released during photosynthesis is:
 - a. Glucose
 - b. Nitrates
 - c. Water
 - d. Carbon dioxide
11. The structure in the mouth that prevents food from entering the nasal cavities is the:
 - a. Epiglottis
 - b. Soft palate
 - c. Tongue
 - d. Pharynx
12. The uncontrolled production of white blood cells results in:
 - a. Leukemia
 - b. Thalassemia
 - c. Oedema
 - d. Asthma
13. A serum containing antibodies is called:
 - a. Antigen
 - b. Antibiotics
 - c. Lymph
 - d. Antiserum
14. Which of the following releases Trypsin?
 - a. Gastric glands
 - b. Adrenal glands
 - c. Enterokinase
 - d. Bile

15. Which of the following vessel runs below the intestine in earthworm?
- Dorsal vessel
 - Ventral vessel
 - Sub-neutral vessel
 - None of above
16. Superior vena cave carries blood to the:
- Left atrium
 - Right ventricle
 - Right atrium
 - Right ventricle
17. Which of the following carry blood from the kidneys?
- Hepatic vein
 - Hepatic portal vein
 - Renal vein
 - All of these
18. Which of the following is absent in the lymph?
- RBC
 - WBC
 - Protein
 - All of them
19. Which of the following is the function of lymph node?
- Carrying of O₂
 - Producing RBC
 - Producing lymphocytes antibodies
 - Producing platelets
20. Most of the CO₂ is carried from the tissues as:
- CO₂ gas
 - Carbonic acid
 - Carbonate ions
 - Bicarbonate ions
- d. O
2. How many letters are there in the English alphabet?
- 26
 - 27
 - 28
 - 29
3. I wish I _____ those words. But now it's too late.
- Not having said
 - Have never said
 - Never said
 - Had never said
4. I came _____ France.
- from
 - at
 - in
 - on
5. I _____ cold.
- am
 - have
 - had
 - is
6. _____ car is very old fashioned.
- Zainab's
 - Zainab is
 - Zainabs
 - Zainabs'
7. I speak English but he _____.
- doesn't speaks
 - doesn't speak
 - speaks
 - don't speak
8. Nowadays everyone _____ internet.
- had used
 - uses
 - used
 - use
9. How many siblings _____?
- do you have
 - have you gotten
 - did you had
 - both (a, b)

Part II: English

1. What is the 15th letter of the English alphabet?
- F
 - I
 - M

10. What ____ you doing?
a. is
b. are
c. am
d. if
11. Which book is _____?
a. your
b. your's
c. yours
d. your is
12. The doctor gave me a _____ for some medicine last week.
a. note
b. prescription
c. recipe
d. receipt
13. She is ____ home.
a. at
b. in
c. on
d. from
14. She eats ____ apple.
a. a
b. an
c. the
d. two
15. Why ____ she come late?
a. do
b. does
c. is
d. are
16. I ____ a pen.
a. has had
b. have
c. has
d. want
17. These ____ books.
a. are
b. is
c. am
d. is a
18. 60 minutes is _____.
a. one hour
b. half an hour
c. two hours
d. three hours
19. The superlative form of far is _____.
a. farthest
b. farther
c. more far
d. most far
20. He is interested ____ learning.
a. on
b. in
c. from
d. at
21. Where _____ Martin and Elina yesterday?
a. was
b. were
c. had been
d. had
22. How long _____ learning English?
a. have you been
b. are you
c. did you
d. had you
23. Are you ____ than her?
a. more tall
b. taller
c. most tall
d. tallest
24. You ____ see a doctor.
a. should
b. have to
c. must
d. all of them
25. Do you go to school? _____.
a. yes, I go
b. yes, I do
c. yes, I am going
d. yes, I am
26. My birthday is ____ 15 May.
a. at
b. on
c. in
d. from

27. Do you work _____ night?
a. at
b. in
c. on
d. for
28. Synonym of love is _____.
a. beauty
b. darling
c. nice
d. good
29. Sarah is afraid _____ cockroaches.
a. from
b. about
c. in
d. of
30. Choose a correct statement:
a. She love me.
b. She hate me.
c. She loves me.
d. He love me.
31. The Sun is _____.
a. stationary.
b. stationery
c. rocket
d. planet
32. Which mark is used for COLON?
a. :
b. ;
c. "
d. /
33. Asif doesn't have _____ friend.
a. some
b. any
c. every
d. anybody
34. Kashaf is good _____ drawing.
a. at
b. in
c. on
d. for
35. As you sow so _____ you reap.
a. shall
b. will
c. should
d. would
36. A man of straw means:
a. a man of no substance
b. a generous man
c. a bad man
d. a man of character
37. She climbed _____ Everest.
a. Mount
b. The Mount
c. mount
d. a mount
38. My mother _____ delicious meal for us everyday.
a. cooked
b. cooks
c. had cooked
d. has cook
39. Third form of eat is _____.
a. eaten
b. ate
c. eated
d. had eat
40. What is the antonym of cozy?
a. comfortable
b. uncomfortable
c. lazy
d. crazy

Part III: General knowledge

1. First May is observed internationally as:
a. Father's Day
b. Mother's Day
c. Freedom's Day
d. Labors' Day
2. The world's highest mountain (Mount Everest) is in:
a. Nepal
b. Pakistan
c. USA
d. China

3. The first capital of Pakistan is:
 - a. Karachi
 - b. Islamabad
 - c. Lahore
 - d. Quetta
4. How many planets are there in our solar system?
 - a. 7
 - b. 8
 - c. 9
 - d. 10
5. What is the most popular sport throughout the world?
 - a. Soccer
 - b. Cricket
 - c. Tennis
 - d. Volleyball
6. Which animal is known as the 'Ship of the Desert'?
 - a. Horse
 - b. Camel
 - c. Donkey
 - d. Lion
7. Which of the following country is not bordered by Pakistan?
 - a. India
 - b. Afghanistan
 - c. China
 - d. Bangladesh
8. Who is the richest man in the world?
 - a. Jeff Bezos
 - b. Bill Gates
 - c. Elon Musk
 - d. Jack Ma
9. On which date did Pakistan become an independent nation in 1947?
 - a. March, 23
 - b. August, 14
 - c. June, 6
 - d. none of these
10. Pakistan is located in the:
 - a. Middle East
 - b. South Asia
 - c. Southeast Asia
 - d. Central Asia
11. The largest continent by area is
 - a. Asia
 - b. Africa
 - c. Antarctica
 - d. Europe
12. Salt Mine, Khewra is located in _____ district.
 - a. Chakwal
 - b. Rawalpindi
 - c. Sargodha
 - d. Jhelum
13. Which country won most hockey world cups?
 - a. Netherlands
 - b. Australia
 - c. Pakistan
 - d. Germany
14. In which ocean did the famous Titanic sink in 1912?
 - a. Pacific Ocean
 - b. North Atlantic Ocean
 - c. Indian Ocean
 - d. The Mediterranean
15. During which year did World War I begin?
 - a. 1914
 - b. 1916
 - c. 1920
 - d. 1924
16. What is the hottest continent on Earth?
 - a. Asia
 - b. Europe
 - c. Africa
 - d. South America

17. What type of tree do dates grow on?

- a. Coconut
- b. Pine
- c. Palm
- d. Birch

18. Recently which of the following billionaire acquired Twitter for \$44 billion?

- a. Bill Gates
- b. Elon Musk
- c. Mark Zuckerberg
- d. Jeff Bezos

19. "Dirham" is the currency of:

- a. Kuwait
- b. UAE
- c. Saudi Arabia
- d. Oman

20. How many players are there in a volley ball team?

- a. 6
- b. 7
- c. 9
- d. 11

Part IV: Analytical Reasoning

1. Which number should come next in the pattern $X = \{2,4,6,8\}$:

- a. 9
- b. 8
- c. 10
- d. None of above

2. Let the set $X = \{1,3,4,5\}$, The sum of x_1 and x_2 is:

- a. 1
- b. 4
- c. Maybe (a) & (b)
- d. None of above

3. Hassan is son of Ali, and Ali is father of Talha, then Hassan is _____ of Talha are:

- a. Cousin
- b. Brother
- c. Father
- d. None of above

4. If $a < b < c$, then which of following is true:

- a. $b < c$
- b. $c > a$
- c. $a < c$
- d. both (b) & (c)

5. If yesterday was Sunday, then tomorrow will be:

- a. Friday
- b. Saturday
- c. Wednesday
- d. None of above

6. Amna and Aqsa are the daughters of Mr. Hassan and Ali is son of Mr. Hassan, then Ali is the _____ of Mr. Hassan:

- a. Son
- b. Brother
- c. Uncle
- d. Father

7. If A is 1 and B is 3, then, $A + B + B + A$ is:

- a. 3
- b. 6
- c. 9
- d. 8

8. Let $A = 4$, $B = -4$ and $C = 6$. Then calculate $(A - C + B)$

- a. 4
- b. 6
- c. 2
- d. None of these

9. Ali is three years older than Ahmed, the difference in their age is:
- 3
 - 6
 - 2
 - None of above
10. The value of x for equation $2x + 3 = 1$ is:
- 3
 - 52
 - 1
 - None of above
11. If x is an even number and y is an odd number, then $x + y = ?$
- Even
 - Odd
 - Neither even nor odd
 - Both (a) & (b)
12. Ali is younger than Ahmed and Ahmed is younger than Talha, then Ali is younger than _____:
- Ali
 - Talha
 - Ahmed
 - Both (b) & (c)
13. Now the time is 01:00 am after 23 hours, the time becomes
- 12:00 pm
 - 12:00 am
 - 01:00 am
 - 01:00 pm
14. Find the mean of 6, 12, 10, 8:
- 9
 - 8
 - 5
 - 1
15. A is two years older than B who is twice as old as C. If the total of the ages of A, B and C be 27, then how old is B?
- 7
 - 8
 - 9
 - 10
16. Which number should come next in the series? 25, 24, 22, 19, 15
- 5
 - 15
 - 10
 - None
17. Some months have 31 days, how many have 28?
- 1
 - 2
 - 0
 - None
18. Is there a 23rd July in U.S.A:
- No
 - Yes
 - All of the above
 - None of the above
19. Which one of the five makes the best comparison? Milk is to glass as the letter is to:
- stamp
 - pen
 - envelop
 - book
20. If you rearrange the letters "BARBIT," you would have the name of:
- country
 - animal
 - state
 - ocean

Good Luck!