

Faculty of Engineering Department of Bachelor in Civil Engineering

(ENTRY TEST SAMPLE QUESTION PAPER)

2023-2024

A Vibrant University Inspiring Academic and Professional Excellence.

Section One – Mathematics

64 Marks (Forty Minutes)

| 1. | The simplified form | of the expression 20 | $-20 \div 20 + 6 = ?$ | |
|------|------------------------------|--------------------------|---------------------------------|--|
| | A25 | B. 25 | C. o | D. 26 |
| 2. | If $x = 23$ and $y = 7$ th | ien x + y = | | |
| | A. 16 | B16 | C30 | D. 30 |
| 3. | If x = 10 and y = 50 t | :hen x — y = | | |
| | A60 | B.60 | C40 | D. 40 |
| 4. | If $x = 20$ and $y = 3$ th | nen x * y = | | |
| | A. 17 | B60 | C. 60 | D. 23 |
| 5. | If $x = 200$ and $y = 20$ | then x ÷ y = | | |
| | A. 400 | B.10 | C20 | D. 20 |
| 6. | What is the average | e of the numbers 70, | 72, 74, 76? | |
| | A. 75 | B.76 | C. 73 | D. 82 |
| 7. | The Set $\{0, \pm 1, \pm 2,$ | ±3, | } is called the set of | |
| | A. Irrational nu | | egers C. None of the | m D. Complex Numbers |
| 8. | | system of equation > | | |
| | A. $x = 1$ and $y = 1$ | = 1 B. $x = -1$ and y | = 1 | D. $x = 1$ and $y = 0$ |
| 9. | The solution of ineq | uality $-x+12 \ge 12$ | S | |
| | A. $x \le 4$ | B. $x \ge -4$ | C. None of ther | m D. $x \le 0$ |
| 10. | Which of the follow | ving is equal to m−³ | ° ⋅ m ³⁵ ? | |
| | A. m ⁵ | B. m ⁻⁶⁵ | C. m ⁶⁵ | D. m ⁻⁵ |
| 11. | Which of the follow | ving is equal to (a¹ºb³ |)³ | |
| | A. $a^{300}b^{27}$ | B. $a^{30}b^9$ | C. $a^{300}b^6$ | D. $a^{30}b^{27}$ |
| 12. | The factorization o | f the expression x^2 + | 9x+18 is equal to? | |
| | A.(x+6)(x-3) | B. (x+6)(x+ | C.(x-6)(x+3) | D.(x-6)(x-3) |
| 13. | Factorization of the | e expression 169 – x² | | |
| | A. (13 + x) (13 + | - x) B. (13 – x) (13 | (-x) C. $(x-13)(13+x)$ | D. (13 + x) (13 - x) |
| 14. | Which one is the co | rrect solution of the | radical equation $\sqrt{x+15}$ | = -1 |
| | A14 | B. None of them | C. 14 | D. 16 |
| 15. | Which one is the co | rrect solution of the | radical equation $\sqrt{x+1} =$ | = 5 |
| | A. 4 | B24 | C. 24 | D. 6 |
| 16. | Evaluate the expre | ssion: 4a² + 2ab +5b, | when $a = 1$ and $b = 0$ | |
| | A. –6 | B. 4 C. | 11 D. None | e of them |
| 17. | The simplified form | n of the inequality is - | -2X+2 ≤ 4 | |
| | A. x ≤ -1 | $B.x \ge -2$ | C. x ≥ −1 D. x | :≤-6 |
| 18. | The simplified form | of the expression 8 - | - 2 ÷ 2 + 1 = ? | |
| | A. 5 | B.7 | C8 | D.8 |
| 19. | Which one is the co | orrect simplified form | for the radical expressio | $n\sqrt[3]{-8r^3}$ |
| ٠,٠٠ | | pea 10111 | | ·· v · · · · · · · · · · · · · · · · · |
| | A. $3x \sqrt[3]{3x^2}$ | B. 2x | C. —2x | D. None of them |

20. Factorization of the expression y² - 4

A.
$$(y-2)(y+2)$$

B.
$$(2 + y)(2 + y)$$
 C. $(2 - y)(y - 2)$ D. $(1 + y)(y - 1)$

21. The simplified form of the expression $2\frac{1}{7}$

A. 2/7

C. 15/7

D. None of them

22. The simplified form of the expression $\frac{1}{3} \div \frac{1}{3}$

C. 1

D. 1/9

23. The simplified form of the expression $\frac{13}{5}$. $\frac{13}{5}$

A. 26/25

C. 13/5

D. 169/25

24. The simplified form of the expression $\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

B. 1/6

D. 1/2

25. The simplified form of the expression $\frac{1}{19} + \frac{3}{9} - \frac{3}{9}$

A. 1/4

D.3/16

26. The simplified form of the expression $\frac{1}{5} + \frac{1}{7}$

A. 5/7

B. 12/35

C. 2/3

D. 7/12

27. The simplified form of 1/5000 is

A. 0.000005

B. 0.000001

C. 0.0002

D. None of them

28. .The scientific notation form of 0.000234 is

A. 2.3 x 10 ⁻⁴

B. 2.34 x 10⁻⁴

C. 234 x 10⁴

D. 23.4x 10⁴

29. The scientific notation form of 60000 is

A. None of them

B. 6×10^{-4}

C. 60 x 10⁴

D. 6×10^4

30. The solution of the equation $\frac{x}{10} = \frac{1}{10}$ is

A. 110

B. 100

C. 10

D. 1

31. The decimal form of 23% is

A. 2.3

B. 0.23

C. 0.023

32. .The decimal form of 190% is

A. 190

B. 0.19

C. 1.9

D. 0.019

Section Two - Logic

64 Marks (forty Minutes)

| 33. | Jane's mother h | as four childre | n. Their name | es are Spring, | Summer, ar | nd Autumn. \ | What is the fourth |
|-----|---------------------|---------------------|---------------|------------------|------------------|--------------|--------------------|
| | child's name? | | | | | | |
| | a) Winter | b) J | anuary | c) Ja | ne | d) all | |
| 34. | Look at this seri | es: 12, 11, 13, 12, | 14, 13, Wh | nat number sl | nould come | next? | |
| | a. 13 | b) 15 | | c) 10 | | d) 16 | |
| 35. | Which word doe | es not belong w | ith the othe | rs? | | | |
| | a) glossary | b) c | hapter | c) ind | ex | d) boo | k |
| 36. | If it takes eight i | men ten hours | to build a wa | II, how long v | would it take | four men? | |
| | a) No-time | b) 1 | day | c) 1 w | eek | d) 3 ho | ours |
| 37. | Fill in the blanks | with correct co | ombination o | of letters ABC | , BCD, | , DEF, EFG. | |
| | a) CDF | b) BCE | | c) DCE | d) | CDE | |
| 38. | Complete the gi | ven sequence | with appropr | iate letter > | ⟨, ₩, ∨, | _, T, S | |
| | a)Z | b) U | c) M | | d) Q | | |
| 39. | Complete the gi | ven sequence | with appropr | iate number | 1, 4, 9, 16 , 25 | 5, | |
| | a) 36 | b) 30 | c) 40 | | d) 49 | | |
| 40. | What number co | omes next in th | e given serie | s 11, 13, 17, 19 | , 23, | _ | |
| | a)27 | b) 29 | c) 31 | d) 33 | | | |
| 41. | If X is less than \ | Y and Y is less tl | nan Z then | | | | |
| | a) X is grea | iter than Z | b) X is e | qual to Z | c) Z is grea | ater than X | d) None of these |
| 42. | How many trian | gles are there i | n the followi | ng shape? | | | |
| | | | | \times | | | |
| | a) 8 | 8 b) 7 | | c) 6 | d) 9 | | |
| 43. | What letter com | nes next in the | ollowing sec | quence L, N, I | P, R, T, V, | | |
| | a) W | b)X | c) Y | d) Z | | | |
| 44. | Wajid is the bro | ther of Mahmo | od, Mahmod | d is the fathe | er of Samim a | and Freshta | is the sister of |
| | Samim. What re | lation Freshta l | nas with Waji | id? | | | |
| | a) Daughte | r b) S | ister | c) Moth | er | d) Niece | |

| 45. | Window is to pane | e as book is to | | | |
|-----|-----------------------|----------------------|----------------|-------------|---|
| | a) Novel | b) Page | c) Cover | d) Gla | ass |
| 46. | . Pen is to poet as r | needle is to | | | |
| | a) Button | b) Thread | c) Tailor | d) Sev | wing |
| 47. | Secretly is to oper | nly as silently is t | to | | |
| | a) Scarcely | b) Impolitely | c) N | Noisily | d) Quietly |
| 48. | . Exercise is to gym | as eating is to | | | |
| | a) Food | b) Die | ting c) F | itness | d) Restaurant |
| 49 | . Ahmad and Shago | ofta is married c | ouple. They h | nave only o | one son by the name Waheed who also |
| | married and have | two sons and th | nree daughte | rs. They al | l are going for a trip. How many total family |
| | members they are | ?? | | | |
| | a) 8 | b) 9 | c)10 | | d) 11 |
| 50. | Which word does | NOT belong wit | th the others | ? | |
| | a) Tyre | b) Wheel | c) Engine | | d) Car |
| 51. | Complete the follo | owing series wit | h correct nu | mber 32, | 34, 36,, 40 |
| | a) 37 | b) 38 | c)39 | | d)41 |
| 52. | If you have a bow | l with six apples | and you take | e away fou | ır, how many do you have? |
| | a) 2 | b) 4 | c) 6 | | d) 3 |
| 53. | What breaks and I | never falls, and | what falls and | d never br | eaks? |
| | a) Paper | b) Wall | c) Cement | | d) Day breaks and night falls |
| 54. | What goes up and | l down, but alwa | ays remains i | n the same | e place? |
| | a) Time | b) Day | , c) S | Stairs | d) None |
| 55. | What is it that goe | es up, but never | comes dowr | 1? | |
| | a) Age | b) Stairs | c) N | Number | d) All |
| 56. | Where is an ocear | with no water? | | | |
| | a) America | b) Afri | ica c) A | Asia | d) On a map |
| 57. | A police departme | ent purchases b | adges at 16-A | fs each fo | r all the graduates of the police training |
| | academy. The last | training class g | raduated 10 i | new office | rs. What is the total amount of money the |
| | department will s | pend for badges | s for these ne | ew officers | 5? |
| | a) 70-Afs | b) 116-Afs | c) 1 | 60-Afs | d) 180-Afs |
| 58. | What is found nec | essarily in dese | rt? | | |
| | a) Sand | b) Watermelo | on c) (| Camel | d) Wind |
| 59. | A river always has | | | | |
| | a) Fished | b) Boat | c) Banks | | d) Bridges |
| 60 | . My Ten years old i | nephew is taller | than my Twe | elve years | old son |
| | a) Always | b) Never | c) Often | | d) Sometimes |

| 61. VV | or. What provides the strength and power to walk through walls: | | | | | | |
|---|---|------------|-----------|--------|---------|--|--|
| | a) Door | b) Boots | c) Stairs | 5 | d) None | | |
| 62. What do you always see at the beginning of a paper? | | | | | | | |
| | a) Lines | b) Numbers | c) P | | d) Dots | | |
| 63. Ho | 63. How can a woman go eight days without sleep? | | | | | | |
| a) Sleeps before b) Sleeps at night c) Sleeps after | | | | | | | |
| 64. What type of hair does an ocean have? | | | | | | | |
| | a) Curly | b) Brown | c) Wavy | d) All | | | |
| | | | | | | | |

Section Three – General Knowledge

64 Marks (Thirty Minutes)

| 65. World War One st | 65. World War One started in the year: | | | | | | |
|---|---|-------------------|--------------------|-------------------------|--|--|--|
| a. 1913 | b. 1914 | c. 1915 | d. 1916 | | | | |
| 66. World War one er | nded in: | | | | | | |
| a. 1918 | b. 1920 | c. 1919 | d. 1925 | | | | |
| 67. Who won men's C | DDI cricket world | cup of 2020? | | | | | |
| a. South Africa | b. Afgl | nanistan | c. West indies | d. England | | | |
| 68. United Nations Or | ganization was | established in: | | | | | |
| a. 1945 | b. 1955 | c. 1965 | d. 1975 | | | | |
| 69. How many countr | ies have politica | l boundaries wi | th Afghanistan? | | | | |
| a. 6 Countries | b. 5 Countries | c. 4 Cc | untries | d. 3 Countries | | | |
| 70. Ahmad Shah Abda | ali's famous expe | edition was: | | | | | |
| a. Somanat | b. Panipat | c. Rajp | outana | d. Gandahara | | | |
| 71. USA attacked Afg | hanistan on: | | | | | | |
| a. December 200 | b. Sept | ember 2001 | c. July | 2001 d. October 2001 | | | |
| 72. The last US soldie | r withdrew from | Afghanistan or | n: | | | | |
| a. 31st August 20 | 021 b. 15th | August 202 C | . 20th August 20 | 021 d. 10th August 2021 | | | |
| 73. USSR withdrew from Afghanistan through: | | | | | | | |
| a. Geneva accord | a. Geneva accord b. Bonn agreement c. Peshawar accord d. Doha Agreement | | | | | | |
| 74. Bonn agreement | was signed in: | | | | | | |
| a. October 2001 | b. July | 2002 | c. December 2 | 001 d. June 2002 | | | |
| 75. Iranian Islamic Re | volution succeed | led in: | | | | | |
| a. 1980 | b. 1979 | c. 1978 | d. 1988 | | | | |
| 76. Which country has | s the biggest po | oulation in the v | world? | | | | |
| a. India | b. United State | es c. Chin | a d. Braz | zil | | | |
| 77. Tehran is the capi | tal city of: | | | | | | |
| a. Turkmenista | n b. India | `c. Pak | istan | d. Iran | | | |
| 78. How many countr | ies are currently | involved in Ma | rs exploration? | | | | |
| a. Russia b. | China c. U | SA | d. All of them. | | | | |
| 79. Which of the follo | wing planets is t | he smallest one | e in the solar sys | item? | | | |
| a. Earth | b. Mercury | c. Venus | d. Jupiter. | | | | |
| 80. Which of the follo | wing countries r | ecognizes Nort | hern Cyprus? | | | | |
| a. Banglades | sh b. Paki | stan c. Turk | ey d. Euro | opean Union. | | | |

| 81. Which of the following years did the Third Battle of Panipat took place? | |
|---|----|
| a. 1526 b. 1556 c. 1761 d. 1789 | |
| 82. In which of the following years did Genghis Khan invaded the region (in Afghanistan)? | |
| a. 1119 b. 1219 c. 1819 d. 2001. | |
| 83. In which of the following years was the citadel of Herat built? | |
| a. 330 BC b. 500 BC c. 1870 d. 1919. | |
| 84. Which of the following provinces is considered the birthplace of Maulana Rumi? | |
| a. Badakhshan b. Balkh c. Kandahar d. Kabul. | |
| 85. In which of the following years the United states recognized Afghanistan? | |
| a. 1926 b. 1933 c. 1934 d. 1935. | |
| 86. How many consulates did India have during the previous government? | |
| a. Two b. Three c. Four d. Five. | |
| 87. How many consulates did Afghanistan previously have in the United States? | |
| a. One b. Two c. Three d. Four. | |
| 88. Which of the following teams did Afghan cricket star Rashid Khan attached with before the | |
| controversial decisions imposed by Cricket Australia? | |
| a. Renegades b. Adelaide Strikers c. Sydney Sixers d. Sydney Thunders. | |
| 89. Which of the following names is given to Afghanistan's recent supercar? | |
| a. Bugatti b. Mazda c. Mada 9 d. Corolla. | |
| 90. Which of the following years did Afghanistan have her first constitution? | |
| a. 1921 b. 1964 c. 2004 d. None of the above. | |
| 91. Which of the following is the current minister of interior affairs in Afghanistan? | |
| a. Sirajuddin Haqqani b. Bismillah Mohammadi c. Hayatullah Hayat d. None | 2. |
| 92. Which of the following is the current president of Uzbekistan? | |
| a. Recep Tayyip Erdoğan b. Shavkat Mirziyoyev c. Emomali Rahmon | |
| d. Gurbanguly Berdimuhamedov. | |
| 93. Which of the following countries had recognized the Islamic Emirate Government in 1992? | |
| a. Pakistan, Saudi Arabia, and UAE b. Pakistan, Saudi Arabia, and Turkmenistan | |
| c. Pakistan, Saudi Arabia and USA d. Pakistan, Saudi Arabia and Qatar. | |
| 94. Which of the following countries are currently having embassies in Kabul? | |
| a. India, Iran, Indonesia b. Kazakhstan, Kyrgyzstan, Pakistan | |
| c. Qatar, Russia, Saudi Arabia d. All of them. | |
| 95. In which of the following countries one may find the Kurdish ethnic group? | |
| a. Turkey b. Iraq, Iran c. Syria d. All of them. | |
| 96. In which year the first Anglo-Afghan war was fought? | |
| a. 1878-1880 b. 1839-1842 c. 1914-1918 d. 1919. | |

Section Four – English Language

64 Marks (forty Minutes)

| 97. She didn't | me use her car. | | | | | | |
|------------------------------|----------------------------|---------------------------|-----------------------|--|--|--|--|
| A: let | B: left | C: lit | D: lets | | | | |
| 98. The dress that I bough | nt the other day doesn't _ | | | | | | |
| A: fits | B: fitted | C: fit | D: fitting | | | | |
| 99. I have a shirt; I want _ | one | 2. | | | | | |
| A: another | B: others | C: some other | er D: the others | | | | |
| 100. He's in the room | a book. | | | | | | |
| A: read | B: to read | C: reading | D: is reading | | | | |
| 101. I think Jimmy is very_ | He nev | ver stops moving his lips | | | | | |
| A: confident | B: serious | C: talkative | D: pleasant | | | | |
| 102.I heard | the applicant. | | | | | | |
| A: talking with Ali | B: Ali | C: Ali talking with | D: with Ali talking | | | | |
| 103. Fillqui | ckly please. | | | | | | |
| A: on them | B: in them | C: th | em on D: them in | | | | |
| 104. I thought Nadia was | very | . she never smiled. | | | | | |
| A: confident | B: serious | C: talkative | D: pleasant | | | | |
| 105. The Logans found a h | nouse | _a big shopping center. | | | | | |
| A: to next | B: right next to | C: next to rig | ht D: right next | | | | |
| 106. Nilab | meet new friends at sc | hool. | | | | | |
| A: will be able | B: will be able to | C: will be | D: will able be | | | | |
| 107.Don't throw away the | paper. your dad hasn't re | ead it | | | | | |
| A: already | B: yet | C: still | D: anymore. | | | | |
| 108. Sheila | for a job for two r | nonths. | | | | | |
| A: has been looking | g B: has being looked | C: have been looking | g D: has been looking | | | | |
| 109. Can you come to the | Thursday movie class? | | | | | | |
| A: I hope so | B: I don't hope C | : I think yes D: I d | lon't guess | | | | |
| 110. Sámi will be able to ta | ke a | · | | | | | |
| A: three weeks' vac | ation B: vacation three v | weeks C: vacation three | e-week. | | | | |
| D: three-week vacat | D: three-week vacation | | | | | | |
| 111. We're open Saturday_ | Thu | rsday. | | | | | |
| A: from | B: on C: throu | gh | D: too | | | | |

| 112. Sony isTV in the store. | | | | | |
|------------------------------|-------------------|-------------|-----------------|--------------------|--|
| A: popular B: t | he more popular | C: | the most pop | oular D: a popular | |
| 113. The moon isn't sm | all? | | | | |
| A: is it B: is | sn't it | C: does it | | D: doesn't it | |
| 114. Swimming in the p | ools | _ really en | joyable. | | |
| A: is | B: are C: | be | | D: will | |
| 115. I ate a big plate | rice. | | | | |
| A: of | B: at | C: in | | D: with | |
| 116. Can I | some books? | | | | |
| A: borrow | B: run | C: spend | | D: cost | |
| 117. Ahmad | home until sch | ool closes | | | |
| A: came | B: is more | C: comes | | D: won't come | |
| 118. Paris is | city in the wo | orld. | | | |
| A: the prettie | st B: prett | ier C: | prettiest | D: the prettiest | |
| 119. My father | buy m | ne a new b | icycle. | | |
| A: May to | B: have | to C: | may | D: doesn't have | |
| 120.My aunt and uncle | made their living | g room fur | niture | . | |
| A: ourselves | D: himself | | | | |
| 121. That car has | steeri | ing. | | | |
| A: worst | | B: the bad | C: the w | orst D: the worse | |
| 122. Will Hussein go sh | opping on Saturo | day? He isn | 't sure, but he | go. | |
| A: have to | | B: won't | C: will | D: might | |
| 123. Bilal put his pen | his p | ocket. | | | |
| A: above | B: in fron | t of | C: into | D: to | |
| 124. Nomy is at the mu | iseum | at the | e painting. | | |
| A: look | B: looke | d C: | looking | D: is looking | |
| 125. The new appliance | es are | · | | | |
| A: easy to fix | B: easy | fix C | easy for fix | D: easy for fixing | |
| 126.Would you mind_ | a lo | ng with us | ? | | |
| A: to come | B: come | e C: c | oming. | D. will come | |
| 127. Alia had better | hard | l. | | | |
| A: to study. | B: study | y. (| : studying. | D. will study | |
| 128.The car was | by Ali. | | | | |
| A: washed B: | washing. C: h | neing wash | ning. D. h | nad washed | |

Section Five – Sciences

60 Marks (Thirty Minutes)

| ` | |
|--|------|
| 129. Combustion analysis is performed to determine | |
| A. Empirical formula B. Molecular mass C. Molecular formula D. Formula mass | |
| 130. The partial pressure exerted by the water vapours is called | |
| A. Surface tension B. Aqueous tension C. Vapour pressure D. Hydraulic pressure | |
| 131. The spreading of fragrance or scent in the air is due to | |
| A. Effusion B. Attraction with air C. Diffusion D. Low density | |
| 132. The density of water may be | |
| A. Equal to that of ice B. Less than that of ice C. Greater than that of ice D. All are possib | ole |
| 133. The conversion of vapours back into their liquid state is called | ,,,, |
| A. Crystallization B. Vaporization C. Vaporization D. Condensation | |
| 134.Homogeneous mixture of two or more than two compounds is called | |
| A. Solution B. Compound C. Radical D. Ion | |
| 135.Number of moles in 1 kg of solvent is called | |
| A. Normality B. Molarity C. Molality D. Mole fraction | |
| 136. Water molecules surround more around | |
| A. +ve ion B. Complexion Cve ion D. Neutral atom | |
| 137. Water of crystallization can be removed by | |
| A. Drying B. Heating C. Evaporation D. All of the above | |
| 138. Coal is produced after a long-time decay of | |
| A. Animals B. Fossils C. Wood D. All of the above | |
| 139.In which of the following layer of atmosphere there is more thickness of the ozone layer? | |
| A. Troposphere B. Stratosphere C. Mesosphere D. Photosphere | |
| | |
| A. A gas-filled balloon B. Bullet fired from the gun C. A football kicked D. A baseball sh | hot |
| 141. Distance covered by a freely falling body in 2 seconds while g=9.8m/sec² will be | |
| A. 4.9 m B. 19.6 m C. 39.2 m D. 44.1 m | |
| 142. The direction of a vector in space is specified by | |
| A. One angle B. Two angles C. Three angle D. No angle | |
| 143.Maximum number of components of a vector may be | |
| A. 1 B. 2 C. 3 D. Infinite | |
| 144. The dot product of force and velocity is | |
| A. Power B. Work C. Impulse D. Torque | |

| 145. Which of the following substances possess the highest elasticity? | |
|--|-----|
| A. Rubber B. Steel C. Glass D. Copper | |
| 146. Bernoulli's equation is obtained by applying the law of conservation of _ | |
| A. Mass B. Energy C. Momentum D. Fluid | |
| 147.The Fahrenheit and centigrade scales agree to | |
| A. 40 B. 15.5 C. 542 D. 273 | |
| 148. We can produce heat by | |
| A. Frictional process B. Chemical processes C. Electrical processes D. All of the above | |
| 149. In scientific notation, numbers are expressed in | |
| A. Power of ten B. Powers of two C. Reciprocal D. Decimal | |
| 150. Three coplanar forces acting on a body keep it in equilibrium. They should therefore be | |
| A. Concurrent B. Non-concurrent C. Parallel D. Non-parallel | |
| 151. The presence of what distinguishes a plant cell from an animal cell? | |
| A. Nucleus B. Cell wall, Chloroplasts, Vacuoles C. Cell membrane D. None of these | |
| 152. Carrot is orange in color because | |
| A. It grows in the soil B. It contains carotene | |
| C. It is not exposed to sunlight D. The entire plant is orange in color | |
| 153. During photosynthesis green plants absorb | |
| A. Oxygen B. Nitrogen C. Carbon monoxide D. Carbon dioxide | |
| 154. Select the components of an ecosystem from the following? | |
| A. Trees and weeds B. Plants and animals C. Man and plants D. Biotic and abic | tic |
| 155.Chief function of phloem is conduction of | |
| A. Food B. Minerals C. Water D. Air | |
| 156. Which of the following tissue is present in leaves of Pinus conducts food and water laterally? | |
| A. Transfusion tissue B. Phloem C. Xylem D. Medullary rays | |
| 157. The site for light reaction of photosynthesis is | |
| A. Grana B. Stoma C. ER D. Cytoplasm | |
| 158. Arrangement of leaves on a stem branch is? | |
| A. Vernation B. Venation C. Ptyxis D. Phyllotaxy | |
| 159. The scientific study of the physiology, structure, genetics, ecology, distribution, classification, a | nd |
| economic importance of plants. | |
| A. Zoology B. Botany C. Ecology D. Anatomy | |
| 160. The process by which green plants and some other organisms use sunlight to synthesize nutrie | nts |
| from carbon dioxide and water. | |
| A. Transfusion B. Photosynthesis C. hibernation D.all correct. | |

Good Luck!