



FEDERAL PUBLIC SERVICE COMMISSION

CASE NO.F4,48/2020-R

ASSISTANT DIRECTOR (BS-17) (BATCH-2)

Booklet No.

3206

Time allowed: 100

Maximum Marks: 100

- Note:** - (i) Read the Test Items (MCQs) from Questions Booklet and Fill in the appropriate box by your correct answer on the Answer Sheet. ■
- (ii) All Test Items (MCQs) have equal value and there is no negative marking.
- (iii) Do not write your Roll Number, Name, answers to the questions or any other remarks on or inside the Questions Booklet,.
- (iv) Hand-over Both i.e. Questions Booklet and Answer Sheet to the Invigilator on duty of your row on the conclusion of Test.
- (v) **TAKING OUT THE QUESTIONS BOOKLET (IN ANY SHAPE OR FORM) FROM THE EXAMINATION HALL IS NOT ALLOWED.**
- (vi) Use of calculator is not allowed.

PART-I (ENGLISH)

Select the correct answer and Fill in the appropriate Box on the Answer Sheet.

1. Does she have _____ pets?
(A) Any (B) Some (C) Few (D) a few
2. I need _____ time to think about this.
(A) a few (B) few (C) Some (D) None
3. There is _____ difference b/w there two photos.
(A) Lots (B) Few (C) Few (D) None
4. A Series of unfortunate events have taken place, The series
(A) Adjective (B) Adverb (C) Noun (D) Verb
5. My Cousin lives _____ Turkey
(A) In (B) At (C) In (D) Of
6. James, I want you to go _____ the bedroom and
(A) an (B) on (C) at (D) into
7. I am about to water my _____ Garden.
(A) Neighbors (B) neighbors (D) Neighbours (D) None of these
8. This young lady is talking **too** much.
(A) Noun (B) Object (C) Adverb (D) Preposition
9. Prince had not _____ his own another.
(A) Halting (B) Halted (C) Halt (D) None of these
10. _____ something burning.
(A) Small (B) am something (C) Smelled (D) None of these
11. Saam and Jan _____ very Happy
(A) is (B) are (C) am (D) None of these
12. She has _____ influenced us in supervisor.
(A) Little (B) Lots (C) Not at all (D) None of these
13. _____ poems he has written difficulty Structure.
(A) The few (B) A few (C) Lots (D) None of these
14. Would you like _____ Cookies?
(A) Any (B) No (C) Some (D) Few
15. The Color of the pen does not melt _____ will do
(A) Any (B) to (C) Lots (D) None of these
16. _____ Rise by any name as Swat
(A) Ascetic (B) Aesthetic (C) Astic (D) None of these

86. Dr. Abdus Salam of Pakistan was one of the contributors of the unification of:
- (A) Electromagnetic force and gravitational force
~~(B)~~ Electromagnetic force and weak nuclear force
 (C) Gravitational force and weak nuclear force
 (D) None of these
87. Which triplet in DNA codes for valine?
- (A) CTT (B) AGU (C) CAT (D) None of these
88. The number of spark plugs needed in a diesel engine is:
- (A) 2 (B) 3 (C) 0 (D) 4
89. Which of the following is not a part of Darwinism?
- (A) Over production (B) Natural selection
 (C) Inheritance for acquired characters (D) None of these
90. Role of biotechnology in the production of food based on: *Fermentation.*
- (A) Decomposition (B) Respiration (C) Digestion (D) None of these
91. Who proposed the concept "All motion is relative"?
- ~~(A)~~ Albert Einstein (B) Isaac Newton (C) Galileo Galilei (D) Alfred Mahan
92. The sunlight can reach a depth of how many meters in the ocean:
- (A) 100 (B) 80 (C) 120 (D) None of these
93. The biggest species of the cat family is:
- (A) Tiger (B) Lion (C) Leopard (D) None of these
94. The chemical name of quartz is:
- ~~(A)~~ Silicon Dioxide (B) Stannous Oxide (C) Aluminium Oxide (D) None of these
95. Deuterium differs from Hydrogen in having:
- (A) Different atomic number but same atomic weight
 (B) Different atomic number and different atomic weight
~~(C)~~ Same atomic number and different atomic weight (D) None of these
96. Equator passes through one of these countries:
- (A) Saudi Arabia (B) Italy (C) Japan ~~(D)~~ None of these *Kenya*
97. Atom is made up of how many different kinds of subatomic particles:
- ~~(A)~~ Three (B) Two (C) Four (D) None of these
98. Vacuum tubes have been replaced by:
- (A) Conductors (B) Diodes ~~(C)~~ Transistors (D) None of these
99. Light Year is associated with:
- (A) Time ~~(B)~~ Distance (C) Frequency (D) None of these
100. Omer Khayyam was a:
- (A) Poet ~~(B)~~ Mathematician (C) Astronaut (D) All of these

61. Pakistan resolution was passed on March, 23, 1940 at:
 (A) Lahore (B) Karachi (C) Delhi (D) None of these
62. Kashmir Solidarity day is celebrated every year on: 5 Feb.
 (A) Feb, 3 (B) Feb, 4 (C) Feb, 5 (D) Feb, 6
63. Prayers on Eid-ul-Fitar & Eid-ul-Azha is:
 (A) Farz (B) Wajib (C) Sunnat (D) None of these
64. Sulh-i Hudibiyya was written by:
 (A) Hazrat Abu Bakr (B) Hazrat Ali (C) Hazrat Umar (D) Prophet Muhammad (PBUH)
65. Imam Bukhari hailed from:
 (A) Malaysia (B) India (C) Egypt (D) Turkestan
66. The Holy Prophet (P.B.U.H) migrated to Madina in-----:
 (A) 615 AD (B) 622 AD (C) 625 AD (D) None of these
67. The longest Surah is:
 (A) Al-Imran (B) Al-Nisa (C) Al-maida (D) Al-baqrah
68. Which Surah does not start with Bismillah?
 (A) Al-Tauba (B) Al-Nisa (C) Al-Noor (D) Naml
69. What do you mean by Hadith?
 (A) actions of the prophet Muhammad(PBUH) (B) sayings of prophet Muhammad(PBUH)
 (C) instructions of prophet Muhammad(PBUH) (D) All of these
70. What is the meaning of Rasool?
 (A) Arbitrator (B) Distributor (C) Dictator (D) Messenger
71. The shortest Surah of the holy Quran is:
 (A) Almaan (B) Albayyinah (C) Alkausar (D) Alakhlaf
72. Which of the following prayers are offered without Azan?
 (A) Zuhar & Asar (B) Juma & Fajar (C) Fajar & Zuhar (D) Eid & Janaza
73. Why is the metal Tungsten used for the manufacture of the filament of an electric bulb?
 (A) Because it is a good conductor (B) Because it is inexpensive
 (C) Because it is malleable (D) Because it has a very high melting point
74. The most important function of perspiration is to:
 (A) Get rid of the body waste (B) Regulate the body temperature
 (C) Regulate the body supply (D) Lubricate the epithelial tissue
75. Retina in the eye act as a:
 (A) Lens in the Camera (B) Shutter in the Camera
 (C) Film in the Camera (D) None of these
76. Which of the following blood groups of human beings is a universal donor?
 (A) AB (B) A (C) B (D) O
77. A newly born normal child will thrive best if it is given milk of:
 (A) Cow (B) Goat (C) Mother (D) Skimmed milk
78. Heat from the Sun is received by the earth through:
 (A) Conduction (B) Convection (C) Radiation (D) None of these insolation
79. Which of the following is not a function of blood in human body?
 (A) To supply Oxygen to organs (B) To maintain body temperature
 (C) To remove waste products from the body (D) All of these
80. Who invented the Doctor's Thermometer?
 (A) Fahrenheit (B) Edison (C) Galileo (D) None of these
81. Telephone was invented by:
 (A) John Logie Baird (B) Alexander Graham Bell
 (C) Thomas Elva Edison (D) James Watt
82. Myopia is a disease connected with:
 (A) Ears (B) Eyes (C) Lungs (D) Brain
83. ECG is used for diagnosis of ailment of:
 (A) Brain (B) Heart (C) Kidneys (D) Lungs
84. Lactometer is a type of Hydrometer which is used to measure the specific gravity of:
 (A) Honey (B) Water (C) Milk (D) None of these
85. A small weight put on the pressure cooker increases the pressure of the steam because:
 (A) It is air tight (B) Area of contact is very small
 (C) Density of metal is very high (D) Pressure builds up irrespective of the weight placed

38. The speed of the bus going from Islamabad to Murree was 100 km/h, while the speed of the bus was 130km/h when coming back from Murree to Islamabad. What was the average speed in whole journey?
 (A) 230km/h (B) 115km/h (C) 200km/h (D) None of these
39. The average age was 17 years of a family of 5 members, 3 years ago. A new baby has been born, what is the age of the new baby if the average age of the family is the same today.
 (A) 1 year (B) 2 years (C) 3 years (D) None of these
40. The average salary of all the workers in a restaurant is Rs.8000. The average salary of 7 cooks is Rs.12000 and the average salary of the rest workers is Rs.6000. How many workers are there working in that restaurant?
 (A) 15 (B) 18 (C) 21 (D) None of these
41. Spreading route of _____ is a direct contact with respiratory droplets through coughs or sneezes generated from an infected person.
 (A) COVID-19 (B) Tuberculosis (C) Asthma (D) None of these
42. The World Bank approved _____ package for Pakistan in April 2020 to combat with the COVID-19 pandemic.
 (A) \$200 million (B) \$800 million (C) \$2000 million (D) None of these
43. David R. Malpass was selected as 13th President of:
 (A) FIFA (B) Sweden (C) World Bank Group (D) None of these
44. _____ funds are allocated mainly on the basis of income levels, projects and success in the economic management.
 (A) WHO (B) ADB (C) IDA (D) None of these
45. Abhinandan Varthaman arrested by the Pakistan Army was a:
 (A) Flying Lieutenant (B) Major Pilot
 (C) Wing Commander (D) None of these
46. Pakistan purchased Gwadar from _____ in 1958.
 (A) Qatar (B) Oman (C) UAE (D) None of these
47. _____ is Chairman CPEC Authority.
 (A) Qamar Javed Bajwa (B) Gen. Asim Saleem Bajwa
 (C) Tariq Bashir Cheema (D) None of these
48. Gwadar remained under Oman rule for:
 (A) 50 years (B) 101 years (C) 174 years (D) None of these
49. Houthi movement in Yemen is officially called:
 (A) Ansar Allah (B) Hizbullah (C) Asad Allah (D) None of these
50. In Turkey, Tayyip Erdogan was sworn in on 5th July 2018 as the:
 (A) 45th Prime Minister (B) First President
 (C) 89th President (D) None of these
51. International Women's Day 2021 will be celebrated on:
 (A) 8th November (B) 8th March (C) 25th February (D) None of these
52. Neymar, is _____ professional footballer.
 (A) Irani (B) Spanish (C) Brazilian (D) None of these
53. Salman Bin Muhammad permitted the _____ to drive in 2017.
 (A) Pakistani pilgrims (B) Youth between 16-17
 (C) Saudi Women (D) None of these
54. UK High Court decided that 35 million pounds transferred by Nizam Osman Ali Khan to Pakistan's High Commissioner in UK (1948) originally belong to:
 (A) Pakistan (B) India (C) Nizam's family (D) None of these
55. Secularism means, state cannot interfere with the _____ affairs of the citizens.
 (A) Social (B) Religious (C) Political (D) None of these
56. Indian spy Kalbhushan Yadav was arrested from:
 (A) Chitral (B) KPK (C) Balochistan (D) None of these
57. The name of the great grandfather of British Prime Minister Boris Johnson was:
 (A) Zeki kueralp (B) Stanley Johnson (C) Ali Kemal (D) None of these
58. Palestine Liberation Organization was founded in:
 (A) 1949 (B) 1972 (C) 1962 (D) None of these
59. US-Taliban agreement 29 February, 2020 speaks that the soil of Afghanistan will not be used against the:
 (A) US (B) United States and its allies
 (C) US and Pakistan (D) None of these
60. The name of the PIA's hotel in New York is:
 (A) The Washington Hotel (B) The Roosevelt Hotel
 (C) Quaid-i-Azam Hotel (D) None of these

18. You would have received scholarship, if you _____ high on the test.
 (A) had scored (B) would score (C) would have scored (D) None of these
19. If I were taller, I _____ become a professional basketball player.
 (A) have (B) had (C) would (D) None of these
20. Which of the options best conveys the sentence in reported/indirect speech: I had not seen him before.
 (A) She said she had not seen him before. (B) She said she did not see him before.
 (C) She said she never saw him before. (D) None of these.

PART-II (GENERAL INTELLIGENCE)

Select the correct answer and Fill in the appropriate Box on the Answer Sheet.

21. The sum of quadratic polynomials, $8x^2 + 3x - 9$ and $3x^2 - 5x + 6$ is:
 (A) $11x^2 + 2x - 3$ (B) $11x^2 - 2x + 3$ (C) $11x^2 - 2x - 3$ (D) None of these
22. $(6x^2 + 7x - 5) - (2x^2 - 9x - 3)$ is:
 (A) $4x^2 + 16x - 2$ (B) $4x^2 + 2x - 8$ (C) $4x^2 + 2x - 2$ (D) None of these
23. The product of $\sqrt{48x}$ and $\sqrt{3x}$ is:
 (A) $12x$ (B) $3x^2$ (C) $12x^2$ (D) None of these
24. If $\left(a - \frac{1}{a}\right)^2 = 48$, then what would be the value of $2\left(a^2 + \frac{1}{a^2}\right)$?
 (A) 100 (B) 50 (C) 24 (D) None of these
25. If $a=2$, what is the value of $a^4 + a^4$?
 (A) 2^{-4} (B) -2^4 (C) 2^4 (D) None of these
26. Find the number, one third of which exceeds its one-sixth by 100.
 (A) 300 (B) 600 (C) 1800 (D) None of these
27. A juice contains sugar, flavor and water in the ratio of 1:2:7. What is the percentage of flavor mixed?
 (A) 50% (B) 40% (C) 20% (D) None of these
28. If the profit of three business partners is Rs. 45000 and has ratio 5:4:6. What is the amount of maximum share?
 (A) 20000 (B) 18000 (C) 30000 (D) None of these
29. If 75% proposals are rejected for a project, what is the ratio of the number of proposals accepted to the number of proposals rejected?
 (A) 3:4 (B) 1:3 (C) 3:1 (D) None of these
30. Pass/Fail ratio for two groups is 1st Group, 5:4 and 2nd Group, 6:3. Which group's performance was better?
 (A) 1st Group (B) 2nd Group (C) Both (A)&(B) (D) None of these
31. What is 5% of 15% of 25%?
 (A) 18.75% (B) 0.1875% (C) 0.01875% (D) None of these
32. In an admission test, 68% students passed in Physics and 70% passed in Mathematics while 20% failed in both Physics and Mathematics. If 440 students passed in both the subjects, find the total number of students appeared in the test?
 (A) 588 (B) 800 (C) 676 (D) None of these
33. What percent of 150 is a?
 (A) $\frac{2}{3a}$ (B) $\frac{2}{3}a$ (C) $\frac{3}{2a}$ (D) None of these
34. What percent of b is a?
 (A) $100\frac{a}{b}$ (B) $\frac{b}{a}$ (C) $\frac{b}{100}$ (D) None of these
35. If the rate of tax is 15% on salary, then what is the monthly salary of a person who pays Rs. 4500 tax per month?
 (A) Rs. 30000 (B) Rs. 15000 (C) Rs. 20000 (D) None of these
36. The sum of all even numbers from 1 to 100 is:
 (A) 2500 (B) 2550 (C) 2050 (D) None of these
37. The average temperature of Monday, Tuesday and Wednesday was 30°C . The average temperature for Tuesday, Wednesday and Thursday is 31°C . If temperature on Thursday was 32°C then what was the temperature on Monday?
 (A) 29°C (B) 30°C (C) 31°C (D) None of these