

HIGH COURT OF TRIPURA AGARTALA

WRITTEN TEST FOR RECRUITMENT TO THE POST OF **SYSTEM ASSISTANT**
UNDER E-COURTS SERVICES, NOVEMBER 29, 2020

SECTION - A **[QUANTITATIVE APTITUDE & REASONING]**

A] Tick the correct answer from the options given for each question: [1 X 50]

1. Statements: $P = E$, $Q \geq P$, $V < Q$
Conclusions: I. $Q \leq E$
II. $E > V$
☐ (a) Only I is true ☐ (b) Only II is true
☐ (c) Either I or II true ☐ (d) Neither I nor II is true
2. When a number is subtracted from the number 8,12 and 20, the remainders are in continued proportion, Find the number ?
☐ (a) 4 ☐ (b) 3
☐ (c) 2 ☐ (d) 8
3. The sum of the digits of a 2-digit number is 11. If we add 45 to the number, the new number obtained is a number formed by interchange of the digits. What is the number?
☐ (a) $x = 3$ and $y = 8$ ☐ (b) $x = 5$ and $y = 8$
☐ (c) $x = 4$ and $y = 8$ ☐ (d) $x = 8$ and $y = 3$
4. If $x + y = 24$ and $xy = 100$, What is the value of $x^2 + y^2 = ?$.
☐ (a) 376 ☐ (b) 776
☐ (c) 476 ☐ (d) 676
5. Among three numbers, the first is twice the second and thrice the third, if the average of three numbers is 517, then what is the difference between the first and the third number?
☐ (a) 364 ☐ (b) 564
☐ (c) 764 ☐ (d) 864
6. Find the odd man out. 1,8,27,64,125,196, 216, 343
☐ (a) 216 ☐ (b) 64
☐ (c) 196 ☐ (d) 1

7. Find the odd man out. 7,13,19,25,29,37,43
- ☐ (a) 19 ☐ (b) 29
- ☐ (c) 25 ☐ (d) 43
8. The ages of two persons differ by 16 years. 6 years ago, the elder one was 3 times as old as the younger one. What is the present age of the elder person?
- ☐ (a) 20 ☐ (b) 30
- ☐ (c) 40 ☐ (d) 10
9. The ratio of the age of a man and his wife is 4:34:3. At the time of marriage the ratio was 5:35:3 and After 44 years this ratio will become 9:79:7. How many years ago were they married?
- ☐ (a) 8 ☐ (b) 12
- ☐ (c) 11 ☐ (d) 10
10. If $\log 27 = 1.431$, then the value of **log 9** is
- ☐ (a) 0.754 ☐ (b) 0.854
- ☐ (c) 0.954 ☐ (d) 0.654
11. The ratio between the perimeter and the breadth of a rectangle is **5 : 1**. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?
- ☐ (a) 16 ☐ (b) 18
- ☐ (c) 20 ☐ (d) 22
12. The inner circumference of a circular race track, 14 m wide, is 440 m. Find radius of the outer circle.
- ☐ (a) 44 ☐ (b) 22
- ☐ (c) 33 ☐ (d) 84
13. At what rate percent per annum will a sum of money double in 8 years.
- ☐ (a) 12.5% ☐ (b) 13.5%
- ☐ (c) 11.5% ☐ (d) 14.5%
14. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:
- ☐ (a) 650 ☐ (b) 690
- ☐ (c) 698 ☐ (d) 700

15. To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the capacity of bucket is reduced to two-fifth of its present ?

☐ (a) 52.5 ☐ (b) 62.5
☐ (c) 72.5 ☐ (d) 82.5

16. Choose the alternative which closely resembles the mirror image of the given combination.

INFORMATION

[1] INFORMATION

[3] INFORMATION

[2] INFORMATION

[4] INFORMATION

☐ (a) 1 ☐ (b) 2
☐ (c) 3 ☐ (d) 4

17. Identify the figure that completes the pattern.



☐ (a) 1 ☐ (b) 2
☐ (c) 3 ☐ (d) 4

18. Identify the figure that completes the pattern.



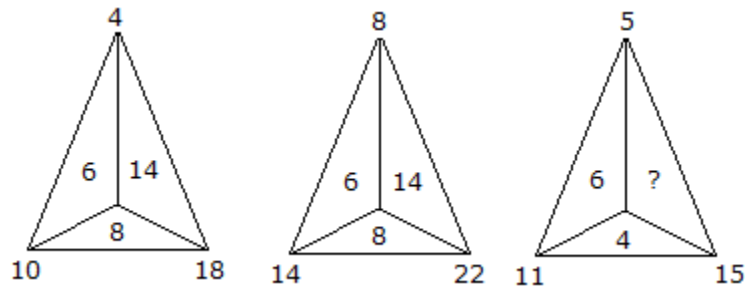
☐ (a) 1 ☐ (b) 2
☐ (c) 3 ☐ (d) 4

19. Select correct pattern to replace the ? mark .



☐ (a) 1 ☐ (b) 2
☐ (c) 3 ☐ (d) 4

20. Which one will replace the question mark ?



☐ (a) 8

☐ (b) 14

☐ (c) 10

☐ (d) 6

21. At 3.40, the hour hand and the minute hand of a clock form an angle of:

☐ (a) 120 degrees

☐ (b) 125 degrees

☐ (c) 130 degrees

☐ (d) 135 degrees

22. Find the greatest number which when divides 564 and 467 leaves the remainder as 4 and 7 respectively.

☐ (a) 30

☐ (b) 20

☐ (c) 25

☐ (d) 35

23. The product of LCM and HCF of two numbers is 48. The difference of two numbers is 8. Find the numbers?

☐ (a) 1, 48

☐ (b) 6, 8

☐ (c) 3, 16

☐ (d) 4, 12

24. A library has an average of 510 visitors on Sundays and 240 on other days. What is the average number of visitors in a month of 30 days starting with Sunday?

☐ (a) 280

☐ (b) 285

☐ (c) 290

☐ (d) 295

25. Daniel had 10 paise, 25 paise and 50 paise coins in the ratio of 5 : 4 : 9 respectively. After giving Rs. 30 his mother he has Rs. 30. How many 50 paise coins did he have?

☐ (a) 50

☐ (b) 60

☐ (c) 90

☐ (d) 80

26. The respective ratio of the ages of Jyoti and her mother is 1 : 2, after 6 years, the ratio of their ages will be 11 : 20. 9 years before, what was the respective ratio of their ages?

☐ (a) 2:7

☐ (b) 2:5

☐ (c) 3:5

☐ (d) 1:4

27. The sum of three numbers is 67. If the ratio of the first number to the second number is **3 : 5** and that of the second number to the third number is **4 : 7**, then what is the second number?
- ☐ (a) 20 ☐ (b) 24
- ☐ (c) 18 ☐ (d) 16
28. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- ☐ (a) Manure ☐ (b) Nitrogen
- ☐ (c) Ammonia ☐ (d) Urea
29. In a camp, there is a meal for 200 children or 120 men. If 150 children have taken the meal, how many men will be served with the remaining meal?
- ☐ (a) 31 ☐ (b) 29
- ☐ (c) 30 ☐ (d) 35
30. If $a:b=4:5$ and $b:c=13:9$ then find $a:b:c$
- ☐ (a) 52 : 65 : 35 ☐ (b) 52 : 65 : 25
- ☐ (c) 52 : 65 : 55 ☐ (d) 52 : 65 : 45
31. If the height of a vertical pole is root 3 times of its shadow on the ground, then the angle of elevation of the sun at that time is
- ☐ (a) 30° ☐ (b) 60°
- ☐ (c) 45° ☐ (d) 75°
32. If the area of a semi-circle is 1925 sq.cm, then find its radius (in cm).
- ☐ (a) 70 ☐ (b) 31
- ☐ (c) 62 ☐ (d) 35
33. In a plane there are totally 8 points (no three points are collinear), how many lines can be drawn ?
- ☐ (a) 28 ☐ (b) 24
- ☐ (c) 64 ☐ (d) 56
34. J is the only son of R. J is the brother of L. L's father in law is W. L's son is K. K's maternal grandfather is D. W's son is Q and M is the daughter of Q. How is D related to Q?
- ☐ (a) Father ☐ (b) Brother
- ☐ (c) Father in law ☐ (d) Son

35. In an arithmetic progression the first term is 9 and its common difference is 7. If the general term is a_n , find $a_{32} - a_{26}$.
- ☐ (a) 42 ☐ (b) 45
- ☐ (c) 44 ☐ (d) 39
36. P,Q and R are partners. They all together invested Rs.14000 in business. At the end of year, P got Rs. 337.50 , Q got Rs.637.50 and R got 1125 and . what is the difference between the investment of R and P ?
- ☐ (a) 2270 ☐ (b) 3250
- ☐ (c) 4200 ☐ (d) 5250
37. Which one is necessary for LAW
- ☐ (a) Advocate ☐ (b) Book
- ☐ (c) Court ☐ (d) Rule
38. If "#" means "subtraction", "&" means "division", "@" means "addition" and "%" means "multiplication" then
- $516 \& 6 \# 11 @ 50 \% 4 = ?$
- ☐ (a) 210 ☐ (b) 274
- ☐ (c) 250 ☐ (d) 275
39. find out the next number in 173, 152, 131, 110, _____
- ☐ (a) 88 ☐ (b) 87
- ☐ (c) 91 ☐ (d) 89
40. At present, the ratio between the ages of Arun and Deepak is 4 : 3. After 6 years, Arun's age will be 26 years. What is the age of Deepak at present ?
- ☐ (a) 12 years ☐ (b) 15 years
- ☐ (c) 19½ Years ☐ (d) 21 years
41. A monkey climbs a pole of height 30 meters. In the first minute, he climbs 15 meters but in the second minute slips down 12 meters. The process continues till he reaches on the top of the pole. Time required to reach on the top of the pole is –
- ☐ (a) 10 minutes ☐ (b) 11 minutes
- ☐ (c) 12 minutes ☐ (d) 12½ minutes
42. Paul has some hens and some goats. If all heads of animals are 43 and feet's are 142, then how many hens Pal does have ?
- ☐ (a) 128 ☐ (b) 21
- ☐ (c) 15 ☐ (d) Cannot be determined

43. In one litre of mixture of alcohol and water, water is 30%. The amount of alcohol that must be added to the mixture, so that the part of water in the mixture becomes 15% is –
- ☐ (a) 1.5 litre ☐ (b) 0.5 litre
- ☐ (c) 2 litre ☐ (d) 1 litre
44. A train 200 m long moving at the speed of 25 m/ sec, crosses a man moving at a speed of 5 m/ sec in the same direction. What will be the time taken by train to cross the man?
- ☐ (a) 18 sec ☐ (b) 8 sec
- ☐ (c) 10 sec ☐ (d) 12 sec
45. When sun's altitude changes from 30° to 60°, the length of the shadow of a tower decreases by 70 m. What is the height of the tower?
- ☐ (a) 35 m ☐ (b) 140 m
- ☐ (c) 60.6 m ☐ (d) 20.2 m
46. A two digit number is represented as 'IJ'. If the value of J2 - I2 is equal to ten times the value of J-I, the two digit number is –
- ☐ (a) 26 ☐ (b) 84
- ☐ (c) 48 ☐ (d) 37
47. The sum of the three prime numbers is 100. If one of them exceeds another number by 24, then one of the other number is –
- ☐ (a) 61 ☐ (b) 29
- ☐ (c) 7 ☐ (d) 43
48. Running at the same constant rate, 6 identical machines can produce a total of 270 bottles per minute. At this rate, how many bottles could 10 such machines produce in 4 minutes?
- ☐ (a) 648 ☐ (b) 1800
- ☐ (c) 2700 ☐ (d) 1080
49. 66 cubic centimetres of silver is drawn into a wire 1 mm in diameter. The length of the wire in metres will be:
- ☐ (a) 84 ☐ (b) 90
- ☐ (c) 168 ☐ (d) 336
50. If $\log \frac{a}{b} + \log \frac{b}{a} = \log(a + b)$, then
- ☐ (a) $a + b = 1$ ☐ (b) $a - b = 1$
- ☐ (c) $a = b$ ☐ (d) $a^2 - b^2 = 1$

SECTION – B
[GK & CURRENT AFFAIRS]

C] Choose the correct Answer from the given options : **[1 X 25]**

1. Where is the Betla National Park located ?
☐ (a) Karnataka ☐ (b) Jharkhand
☐ (c) Chhattisgarh ☐ (d) Tamil Nadu
2. The weather reports are prepared by the _____ Department of the Government.
☐ (a) Ecological ☐ (b) Economical
☐ (c) Meteorological ☐ (d) Topological
3. The '**Atal Tunnel**' that was seen in news recently, is located in which State?
☐ (a) Uttar Pradesh ☐ (b) Himachal Pradesh
☐ (c) Sikkim ☐ (d) Karnataka
4. "Springing Tiger: A Study of a Revolutionary" is a biographical work on ___?
☐ (a) Bhagat Singh ☐ (b) Chandrashekhar Azad
☐ (c) Subhas Chandra Bose ☐ (d) Shyamji Krishna Verma
5. The Citizenship amendment bill was in the news, which Article has the provisions of citizenship under the constitution of India?
☐ (a) Article 4 ☐ (b) Article 5
☐ (c) Article 6 ☐ (d) Article 7
6. Which country has announced a contribution of USD 1 million to the COVID-19 ASEAN Response Fund?
☐ (a) United States of America ☐ (b) India
☐ (c) Singapore ☐ (d) China
7. Name the first country to launch world's first 6G satellite named 'UESTC' satellite (Star Era - 12) with an aim to test communications from space?
☐ (a) United States ☐ (b) Japan
☐ (c) China ☐ (d) Russia
8. India recently signed agreements with which country to establish a Tourism Zone in its Addu islands?
☐ (a) Maldives ☐ (b) Mauritius
☐ (c) Seychelles ☐ (d) Philippines

9. As of April 2020, which country holds the presidency of United Nations Security Council?
- ☐ (a) China ☐ (b) Dominican Republic
- ☐ (c) Argentina ☐ (d) France
10. He was the Chief Justice who headed the five-judge-bench of Supreme Court who heard and pronounced the title dispute cases of Ram Janmabhoomi-Babri Masjid land.
- ☐ (a) Justice Jagdish Singh Khehar ☐ (b) Justice Dipak Misra
- ☐ (c) Justice Ranjan Gogoi ☐ (d) Justice Sharad Arvind Bobde
11. Before the High Court of Tripura was established in 2013, it had been a circuit / permanent bench of _____ .
- ☐ (a) Delhi High Court ☐ (b) Calcutta High Court
- ☐ (c) Gauhati High Court ☐ (d) None of these
12. India has lifted the ban of which commodity, that was contracted by importers of Bangladesh?
- ☐ (a) Sugar ☐ (b) Onion
- ☐ (c) Jute ☐ (d) Cotton
13. As per BCCI's new annual contract which of the following player is NOT in the grade A+ category?
- ☐ (a) Virat Kohli ☐ (b) Rohit Sharma
- ☐ (c) Jasprit Bumrah ☐ (d) Shikhar Dhawan
14. Which among the following Island of the Andaman & Nicobar islands contains the only known examples of mud volcanoes in India, called locally as "jalki"?
- ☐ (a) Baratang Island ☐ (b) Barren Island
- ☐ (c) Car Nicobar ☐ (d) Havelock Island
15. Which Union Territory of India recently hosted the first ever Food Processing Summit?
- ☐ (a) Ladakh ☐ (b) Andaman and Nicobar Islands
- ☐ (c) Lakshadweep ☐ (d) Chandigarh
16. The S-400 air defence missile systems will be delivered to India by which country?
- ☐ (a) USA ☐ (b) Russia
- ☐ (c) Israel ☐ (d) Finland

17. Who wins the Orange Cap in the IPL 2020 for scoring the highest score?
- ☐ (a) Rohit Sharma ☐ (b) David Warner
- ☐ (c) Ishan Kishan ☐ (d) KL Rahul
18. How many High Courts are there in India?
- ☐ (a) 32 ☐ (b) 24
- ☐ (c) 25 ☐ (d) 27
19. Which is highest gallantry award for the personnel of armed forces in India?
- ☐ (a) Ashoka Chakra ☐ (b) Maha Vir Chakra
- ☐ (c) Param Vir Chakra ☐ (d) Kirti Chakra
20. Which article ensured the special status to Jammu & Kashmir prior to 2019?
- ☐ (c) Article 370 ☐ (c) Article 372
- ☐ (c) Article 375 ☐ (c) Article 378
21. Which Indian state will set up India's first International Women Trade Centre?
- ☐ (a) Goa ☐ (b) Kerala
- ☐ (c) Uttar Pradesh ☐ (d) Odisha
22. With reference to the Malabar Joint Exercise, consider the following:
- Statements:**
1. Russia has agreed to join the Malabar Exercise on India's request.
 2. The exercise is expected to be conducted in the Bay of Bengal and the Arabian Sea.
- Which of the statements given above is/are correct?
- ☐ (a) 1 only ☐ (b) 2 only
- ☐ (c) Both 1 and 2 ☐ (d) Neither 1 nor 2
23. Priyanka Radhakrishnan, who was seen in news recently, is the first-ever Indian-origin minister of which country?
- ☐ (a) New Zealand ☐ (b) Australia
- ☐ (c) United Kingdom ☐ (d) United States
24. Which state has launched an awareness campaign on burning of Crop residues?
- ☐ (a) Punjab ☐ (b) Uttar Pradesh
- ☐ (c) Haryana ☐ (d) Bihar

25. India is to host which international summit in the year 2023, after a swap of Presidency with Indonesia?

☐ (a) G 20

☐ (b) SAARC

☐ (c) BIMSTEC

☐ (d) SCO

SECTION - C
[PROFESSIONAL KNOWLEDGE]

B] Tick box ☒ beside the correct answer from the given options : [1x 50 = 50]

1. The performance of a hard drive or other storage device, meaning how long it takes to locate a file is called?

☐ (a) Response Time

☐ (b) Access Time

☐ (c) Quick Time

☐ (d) None of the above

2. In context with the dotted number format used in the Ipv4 , which among the following is NOT possible?

☐ (a) 128.0.0.1

☐ (b) 255.152.0.0

☐ (c) 259.1.1.268

☐ (d) 202.102.4.4

3. While browsing internet, what do we call the area of storage that compensates for the different speeds of data flow or timings of events by temporarily holding a block of data that is waiting to be processed?

☐ (a) Cache

☐ (b) Buffer

☐ (c) Flash

☐ (d) Trash

4. Which of the following components of Personal Computer maintains date and time of the system?

☐ (a) CMOS RAM

☐ (b) VRAM

☐ (c) PROM

☐ (d) Motherboard

5. A term that refers to the way in which the nodes of a network are linked together.

☐ (a) network

☐ (b) topology

☐ (c) connection

☐ (d) interconnectivity

6. A topology that involves Tokens.

☐ (a) Star

☐ (b) Ring

☐ (c) Bus

☐ (d) Daisy Chaining

7. A serially connected system of all the hubs of networks.
- ☐ (a) Star ☐ (b) Ring
- ☐ (c) Bus ☐ (d) Daisy Chain
8. Virtual memory uses disk space as an extension of _____
- ☐ (a) secondary storage ☐ (b) main memory
- ☐ (c) tertiary storage ☐ (d) none of the mentioned
9. What is a valid network topology?
- ☐ (a) Multiaccess bus ☐ (b) Ring
- ☐ (c) Star ☐ (d) All of the mentioned
10. Whose trademark is the operating system UNIX?
- ☐ (a) Motorola ☐ (b) Microsoft
- ☐ (c) BELL Laboratories ☐ (d) Ashton Tate
11. Data Encryption Techniques are particularly used for _____.
- ☐ (a) protecting data in Data Communication System
- ☐ (b) reduce Storage Space Requirement
- ☐ (c) enhances Data Integrity
- ☐ (d) decreases Data Integrity
12. Virtual Memory is _____
- ☐ (a) An extremely large secondary memory.
- ☐ (b) An illusion of an extremely large memory.
- ☐ (c) An extremely large main memory
- ☐ (d) Temporary Memory
13. Files with VXD extension represent
- ☐ (a) normal text files ☐ (b) application programmes
- ☐ (c) device drivers ☐ (d) executable files
14. Storage of firmware is _____
- ☐ (a) Cache Memory ☐ (b) RAM
- ☐ (c) External ☐ (d) ROM

15. To access the services of operating system, the interface is provided by the _____
- ☐ (a) System calls ☐ (b) API
- ☐ (c) Library ☐ (d) Assembly instructions
16. The small extremely fast, RAM's are called as _____
- (a) Cache (b) Heaps
- (c) Accumulators (d) Stacks
17. Which one of the following error will be handled by the operating system?
- ☐ (a) power failure ☐ (b) lack of paper in printer
- ☐ (c) connection failure in the network ☐ (d) all of the mentioned
18. The power specification of USB is _____
- ☐ (a) 5v ☐ (b) 10v
- ☐ (c) 24v ☐ (d) 10v
19. The OS X has _____
- ☐ (a) monolithic kernel ☐ (b) hybrid kernel
- ☐ (c) microkernel ☐ (d) monolithic kernel with modules
20. To reduce the memory access time we generally make use of _____
- ☐ (a) Heaps ☐ (b) Higher capacity RAM's
- ☐ (c) SDRAM's ☐ (d) Cache's
21. What is the main function of the command interpreter?
- ☐ (a) to get and execute the next user-specified command
- ☐ (b) to provide the interface between the API and application program
- ☐ (c) to handle the files in operating system
- ☐ (d) none of the mentioned
22. MFC stands for _____
- ☐ (a) Memory Format Caches ☐ (b) Memory Function Complete
- ☐ (c) Memory Find Command ☐ (d) Mass Format Command
23. Which one of the following is not a real time operating system?
- ☐ (a) VxWorks ☐ (b) Windows CE
- ☐ (c) RTLinux ☐ (d) Palm OS

24. The systems which allow only one process execution at a time, are called _____
- ☐ (a) uniprogramming systems ☐ (b) uniprocessing systems
- ☐ (c) unitasking systems ☐ (d) none of the mentioned
25. The memory used in network routers for switching purpose:
- ☐ (a) DRAM memory ☐ (b) Flash Memory
- ☐ (c) CAM memory ☐ (d) None of these
26. The initial program that is run when the computer is powered up is called _____
- ☐ (a) boot program ☐ (b) bootloader
- ☐ (c) 14nitalize ☐ (d) bootstrap program
27. A process can be terminated due to _____
- ☐ (a) normal exit ☐ (b) fatal error
- ☐ (c) killed by another process ☐ (d) all of the mentioned
28. The address of the next instruction to be executed by the current process is provided by the _____
- ☐ (a) CPU registers ☐ (b) Program counter
- ☐ (c) Process stack ☐ (d) Pipe
29. IRQ6 is typically reserved for _
- ☐ (a) Keyboard controller ☐ (b) floppy
- ☐ (b) LPT2 ☐ (d) Modem
30. A com port is a _____ port.
- ☐ (a) Parallel ☐ (b) serial
- ☐ (c) Static ☐ (d) SCSI
31. What is most significant difference between the USB and IEEE1394 standards?
- ☐ (a) IEEE 1394 is faster (b) USB does not support USB
- ☐ (c) USB is plug and play (d) IEEE 1394 is hot swappable
32. The systems which allow only one process execution at a time, are called _____
- ☐ (a) uniprogramming systems ☐ (b) uniprocessing systems
- ☐ (c) unitasking systems ☐ (d) none of the mentioned

33. Communication between a computer and a keyboard involves _____ transmission.
- ☐ (a) Automatic ☐ (b) Half-duplex
- ☐ (c) Full-duplex ☐ (d) Simplex
34. The first Network was called _____
- ☐ (a) CNNET ☐ (b) NSFNET
- ☐ (c) ASAPNET ☐ (d) ARPANET
35. Which of the following computer networks is built on the top of another network?
- ☐ (a) prior network ☐ (b) chief network
- ☐ (c) prime network ☐ (d) overlay network
36. Which of the following networks extends a private network across public networks?
- ☐ (a) local area network ☐ (b) virtual private network
- ☐ (c) enterprise private network ☐ (d) storage area network
37. Which of the following does not have a Net ID and Host ID?
- ☐ (a) Class A ☐ (b) Class B
- ☐ (c) Class C ☐ (d) Class D
38. What is the size of the Host ID in Class C?
- ☐ (a) 24 bits ☐ (b) 16 bits
- ☐ (c) 8 bits ☐ (d) 32 bits
39. Number of Blocks in class B are –
- ☐ (a) 2^{12} ☐ (b) 2^{16}
- ☐ (c) 2^{14} ☐ (d) 2^{18}
40. A device which is used to boost the signal between two cable segments or wireless access points is
- ☐ (a) Booster ☐ (b) Repeater
- ☐ (c) Switch ☐ (d) Router
41. A device that provides a central connection point for cables is –
- ☐ (a) Gateway ☐ (b) Proxy Server
- ☐ (c) Switch ☐ (d) Hub

42. In Unix, which system call creates the new process?
- ☐ (a) fork ☐ (b) create
- ☐ (c) new ☐ (d) none of the mentioned
43. You have a system that periodically locks up. You have ruled out software, and now suspect that it is hardware. What should you do first that could help you narrow it down to the component at fault?
- ☐ (a) rotate the RAM ☐ (b) replace the RAM
- ☐ (c) replace the level 2 cache SIMM ☐ (d) disable the CPU cache in CMOS
44. If the memory slots have 30 pins then the chip is a?
- ☐ (a) DIMM ☐ (b) SIMM
- ☐ (c) SDRAM ☐ (d) all the above
45. The contents of the EPROM are erased by _____
- ☐ (a) Overcharging the chip ☐ (b) Discharging the Chip
- ☐ (c) Exposing the chip to IR rays ☐ (d) Exposing the chip to UV rays
46. A modem could be attached to which port?
- ☐ (a) Parallel port ☐ (b) ASYNC port
- ☐ (c) Keyboard connector ☐ (d) Video port
47. What tool is used to test serial and parallel ports?
- ☐ (a) high volt probe ☐ (b) cable scanner
- ☐ (c) loop backs (wrap plugs) ☐ (d) sniffer
48. Which device should not be plugged into a standard 500VA UPS?
- ☐ (a) monitor ☐ (b) laser printer
- ☐ (c) ink-jet printer ☐ (d) an external modem
49. BIOS stand for?
- ☐ (a) Basic instruction output system ☐ (b) Basic input output system
- ☐ (c) Basic interface output system ☐ (d) all the above
50. The types of printers, in which the printing head contacts with the paper in printing process, are called as:
- ☐ (a) Non-impact printer ☐ (b) Impact printer
- ☐ (c) Laser printer ☐ (d) None of these

SECTION D (ENGLISH)

ANSWERS TO THE QUESTIONS APPEARING AT SERIAL NO. 2 & 3 OF THIS SECTION SHOULD BE WRITTEN IN THE ANSWER SCRIPT ATTACHED HERewith

1. Tick ☒ the correct answer from the given options for each question: [1 X 10]

i) Replace the bold part of the sentence to make it correct.

– People have **respond in favour** the government's efforts to resolve the budget crisis.

☐ (a) favourably responded

☐ (b) response in favour of

☐ (c) responded favourably to

☐ (d) been responding favourably

ii) Spot out the error, if any, and correct it with the options given below :

– Highly intelligent people **seldom tolerate any ambiguity**.

☐ (a) tolerate hardly any ambiguity

☐ (b) hardly tolerate ambiguous

☐ (c) hardly tolerate any ambiguity

☐ (d) No correction required

iii) The correct antonym of the word EUPHONY is _____

☐ (a) Melody

☐ (b) Entropy

☐ (c) Apostrophe

☐ (d) Cacophony

iv) Choose the correct preposition to fill up the blank.

The MOU had been signed _____ GoI, eCommittee and the State Government.

☐ (a) between

☐ (b) with

☐ (c) among

☐ (d) over

v) Choose the correct word/phrase to fill up the blank.

Sometimes the greatest inventions _____ an idea of startling simplicity.

☐ (a) stumbles upon

☐ (b) hinge upon

☐ (c) starves without

☐ (d) lacks

vi) Choose the one which is similar in meaning to the word given in the, capital letters.

BONHOMIE

☐ (a) Friendliness

☐ (b) Wrath

☐ (c) Very

☐ (d) Greed

- vii) Chose correct passive form of '***His comment hurt me deeply***'.
- ☐ (a) I was hurt deeply by his comment.
- ☐ (b) I could be hurt deeply by his comment.
- ☐ (c) His comment was hurtful to me.
- ☐ (d) I should not be hurt by his comment.
- viii) Transform the given sentence into complex.
– ***My ambition is to serve the country.***
- ☐ (a) I serve my country is my great ambition.
- ☐ (b) My ambition is that I shall serve my country.
- ☐ (c) To serve my country is my ambition.
- ☐ (d) My ambition is that I should serve my country.
- ix) Transform the given sentence by changing into verb.
– ***The examination result gave her pleasure.***
- ☐ (a) Her examination result gave her pleasure.
- ☐ (b) She was pleased by her examination result.
- ☐ (c) The examination result pleased her.
- ☐ (d) She was pleased to see her examination result.
- x) Transform the given sentence into interrogative.
– ***A great deal of research has been done on the Science project.***
- ☐ (a) Has the Science project undergone research?
- ☐ (b) Has much research been done on the science project?
- ☐ (c) The Science project is thoroughly researched, isnt it?
- ☐ (d) Much research has been done on the science project, isnt it?
2. Write a report (in not more than **150 words**) on anyone of the following topics –

I. **The future of Virtual Courts and need-specific technology.**

II. **Technological revolution in Indian Judiciary.**

[7]

3. **Write a Precis (in 250 words) on the following passage and suggest a suitable title:** [8]

The introduction of the principle of open competition for the recruitment of official was an important event in the history of political development. Yet it is a principle that is not always clearly understood. It is widely held and the view receives constant endorsement from well-known authorities on administrative matters-that open competition sets out to ensure the selection of the best available individuals for the public services, and consequently that its inadequacy can be proved if in comparison with other methods, it appears to fall short of this objective. The truth is that open competition was introduced, both in Britain and in America, in order to eliminate the personal factor in the choice of civil servants, and this was held to be so important an objective that any inefficiency arising from the objective to generalize the process of selection could be borne with equanimity.

The idea that open competition ensures equality of opportunity is important in a democratic age. Yet to set an examination at all means the imposition of a standard, and wisdom declares that any such standard should ensure the appointment of persons suitable for the positions they are to be called upon to fill. It is usual to fix age limits for the examination, and this naturally gives an advantage to those whose education at the age fixed has at least reached a stage of equivalence with the examination standard. Thus open competition in practice means equality of opportunity to all of a certain age; it postulates, it true, a certain standard of education, but its 'openness' is preserved the absence of any rule giving preference to or excluding any general class of applicants from entry. One of its great virtues is that it does not leave the unsuccessful candidate with a feeling that he has been attributable to his own faults. Improvement of the efficiency of the open competitive method in obtaining the right sort of recruit must depend upon a continual readjustment of the procedure in face of experience and experiment. The selecting board will need to keep in touch both with the changing administrative environment and with the developing educational system. This readjustment, the Civil Service Commission in Britain takes special steps to ensure

Ultimately, therefore, open competition, since its net has to spread as widely as possible, is in the nature of a compromise. It selects objectively a sample composed of persons likely in the balance to give the type of service that is required. It cannot recruit only the best, nor would it be a point in its favour if it did so: the community has important work to perform outside the governmental sphere. But if it does not limit its choice to the best it is essential that among those chosen should be included a fair percentage of the best for the State has need of all talents.

This, then, is the real objective confronting the appointing agency when it decides upon its examination standards. It is concerned with an equation: of devising a method of extracting from the whole field of potential recruitment those whose subsequent career in the State service will produce as high a return to the community as the remaining elements will produce elsewhere; for a system that denuded the non-governmental sphere of an adequate share of the best would be a dangerous one.

It would indeed be very undesirable from the point of view of the subsequent efficiency of the individual if open competition were efficacious in selecting only the best. Not only does the Civil Service require a supply of all the talents, but it also needs a number of moderate entrants to accomplish the less ambitious tasks. As Sir Stanley Leathes, formerly Civil service Commissioner, has pointed out, a drawback of the competitive method of entry is that it forms an easy avenue as compared with the more arduous courses of studies required for other professions, and there is consequently a danger that too many talented individuals may be obtained. It is

perhaps a good thing, then, that many, who are quite able in their approach to scholastic matters, do not prove to be much above the average when they come to deal with practical problems. Such a requirement is not, of course, applicable to a directing class, such as the administrative class, where only those capable of first-rate administrative leadership are required, and because treatises on Civil Service invariably pay almost exclusive attention to this directing class, the need for average talents in the larger groups has been given little discussion.

The British Civil Service Commission has developed the open competitive examination to a high degree of efficiency, but it would be wrong to imagine that this type of examination was adopted in or is even suitable for all recruitments carried out under the commission's supervision. There are a number of posts for which technical qualification or experience are necessary, and in such cases the pure theory of open competition is not applicable.

- O -

**HIGH COURT OF TRIPURA
AGARTALA**

WRITTEN TEST FOR RECRUITMENT TO THE POST OF **SYSTEM ASSISTANT**
UNDER E-COURTS PROJECT, NOVEMBER 2020

ANSWER KEY

SECTION - A

1. (d)	11. (b)	21. (b)	31. (b)	41. (b)
2. (c)	12. (c)	22. (c)	32. (d)	42. (c)
3. (a)	13. (d)	23. (c)	33. (a)	43. (d)
4. (c)	14. (d)	24. (d)	34. (c)	44. (c)
5. (b)	15. (b)	25. (b)	35. (c)	45. (c)
6. (c)	16. (b)	26. (d)	36. (d)	46. (d)
7. (b)	17. (c)	27. (a)	37. (d)	47. (a)
8. (b)	18. (d)	28. (a)	38. (d)	48. (b)
9. (a)	19. (b)	29. (c)	39. (d)	49. (a)
10. (d)	20. (b)	30. (d)	40. (b)	50. (a)

SECTION - B

1. (b)	6. (b)	11. (b)	16. (b)	21. (b)
2. (c)	7. (c)	12. (b)	17. (d)	22. (b)
3. (b)	8. (a)	13. (d)	18. (b)	23. (a)
4. (c)	9. (b)	14. (a)	19. (c)	24. (b)
5. (b)	10. (d)	15. (a)	20. (c)	25. (a)

SECTION - C

1. (b)	4. (a)	7. (b)	10. (c)	13. (c)
2. (c)	5. (b)	8. (b)	11. (a)	14. (d)
3. (b)	6. (b)	9. (d)	12. (b)	15. (a)

16. (a)	23. (d)	30. (b)	37. (d)	44. (b)
17. (d)	24. (b)	31. (a)	38. (c)	45. (d)
18. (a)	25. (c)	32. (b)	39. (c)	46. (a)
19. (b)	26. (d)	33. (d)	40. (c)	47. (c)
20. (d)	27. (d)	34. (d)	41. (a)	48. (b)
21. (a)	28. (d)	35. (d)	42. (a)	49. (b)
22. (b)	29. (b)	36. (b)	43. (d)	50. (b)

SECTION D

i) (c)	iii) (d)	v) (b)	vii) (a)	ix) (c)
ii) (d)	iv) (c)	vi) (a)	viii) (d)	x) (b)

2. *As per the satisfaction of the Examiner*

3. *As per the satisfaction of the Examiner*

सत्यमेव जयते