Quizzomania @ IICMR-MCA

Academic Year 2020-2021
Questions & Answers

1.Which state has demanded a COVID-19 negative certificate from people arriving through road, rail or by air?

1) Kerala
2) Sikkim
3) Arunachal Pradesh
4) Goa

2.Twitter labelled which among the following world leader's tweets as misleading?
1) Donald Trump
2) Narendra Modi
3) Angela Merkel
4) Kim Jong Un

3.What is the new name of NASA's WFIRST Hubble Telescope?
1) Nancy Grace Roman
2) James E. Webb
3) Thomas O Paine
4) Richard H Truly

4.Which among the following authors has published the book "The Ickabog"?

1) Dan Brown
2) JK Rowling
3) George RR Martin
4) None

5.Which state has decided to maintain a 'State Health Register' of all citizens?
1) Assam
2) Maharashtra
3) Delhi
4) Karnataka

1. A sum of money is distributed among A, B and C such that A get double of C and B get average of A and B. Find the ratio in which the money is distributed?
1) 1:1:7
2) 2:2:1
3) 1:1:2
4) 1:2:3

2.There are 45 students in a class. The no. of boys is 5 more than girls. The average weight of boys is 5 more than average weight of girls. The total weight of boys is 100 more than girls. Calculate the average weight of the class?

1) 50.1kg
2) 51.1 kg
3) 49.1kg
4) 50kg
5) 52kg

3. Prateek sold a music system to karthik at 20 % profit and karthik sold it to shweta at 40 %

profit. If shweta paid Rs. 10500 for the music system, what amount did Prateek pay for the same?
1) 6250
2) 5000
3) 8000
4) 7500
5) 9000

Questions for Round-III July 2020

1. From what location are the 1st computer instructions available on boot up?
1) ROM BIOS
2) CPU
3) boot.ini
4) config.sys

2.What could cause a fixed disk error?
1) No CD installed
2) Bad RAM
3) Slow processor
4) Incorrect cmos settings
5) none of the above

3. Missing slot covers on a computer can cause?
1) Over heating
2) power surge
3) EMI
4) incomplete path for ESD

Questions for Round-III August 2020

1. Which of the following is not a logical data-base structure?
1) tree
2) relational
3) network
4) chain

2.Which of the following is a database administrator's function?
1) database design
2) database backup
3) performance monitoring
4) user privileges
All of the above

3. Each of data files has a _____ that describe the way the data is stored in the file.
1) File structure
2) records

3) fields
4) database

Questions for Round-IV August 2020

1. What will be the output of the following C code?#include <stdio.h> void main() { int x = 5; if (x < 1) printf("hello"); if (x == 5) printf("hi"); else printf("no"); }
1) hi
2) hello
3) no
4) error

2.What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input) #include <stdio.h> void main() { double ch; printf("enter a value between 1 to 2:"); scanf("%lf", &ch); switch (ch) { case 1: printf("1"); break; case 2: printf("2"); break; } }
1) 1
2) 2
3) compile time error
4) varies
5) All of the above

Questions for Round-II September 2020

What is the compound interest on Rs. 2500 for 2 years at rate of interest 4% per annum?
1) 180
2)204
3) 210
4) 240

Sohan started a business with a capital of Rs. 80000. After 6 months Mohan joined as a partner by investing Rs. 65000. After one year they earned total profit Rs. 20000. What is share of Sohan in the profit?
1) Rs. 5222.2
2) Rs. 5777.7
3) Rs. 6222.2
4) Rs. 6777.7
5) None

If January 1, 1996, was Monday, what day of the week was January 1, 1997? *

2 points
Thursday
Wednesday
Friday
Sunday

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Questions for Round-I October 2020

What is the name of the first indigenous testing kit for COVID-19 in India, which was launched at Pune?
Patho Detect
Covid Detect
Mylab Detect
Virus Detect

The 2021 World Games, which have been rescheduled to 2022, was initially planned to be held in which city?
New York
Birmingham
Glasgow
Sydney

What is the brand name of the rapid antibody diagnostic kit for COVID-19, developed by the state-owned enterprise, HLL Lifecare Limited?
TestSure
MeSure
Checksure
MakeSure

3.Which Union Ministry of India launched a portal named "Integrated Government Online training" (iGOT) for capacity building of frontline workers fighting COVID-19 pandemic?
Ministry of Home Affairs
Ministry of Human Resource Development
Ministry of Electronics and Information Technology

2.Ken Shimura, a Japanese personality who recently passed away, was associated with which field?
1) Politics
2) Research
3) Sports
4) **Entertainment**
5)

Questions for Round-II October 2020

1. Square-root of 6084
1) 68
2) 78
3) 88
4) 98

2. (475x475 +125x125)=?
1) 241220
2) 241250
3) 241210
4) 241240
5) None

3. HCF of 3556 and 3444?
1) 23
2) 28
3) 25
4) 26

2.'MOV' extension refers usually to what kind of file?
Image
Audio
Movie
Video

2.Who is largely responsible for breaking the German Enigma codes, created a test that provided

a foundation for artificial intelligence?

1) Charles Babbage
2) Jeff Bezos
3) George Boole
4) **Alan Turing**

23.The Memory Address Register
1) is a hardware memory device which denotes the location of the current instruction being executed.
2) is a group of electrical circuits (hardware), that performs the intent of instructions fetched from memory.
3) contains the address of the memory location that is to be read from or stored into.
4) All of the above.

1.// filename Main.java class Test { protected int x, y; } class Main { public static void

main(String args[]) { Test t = new Test(); System.out.println(t.x + " " + t.y); } }

1) **00**
2) 01
3) 02
4) 03

class A { public A(String s) { System.out.print("A"); } } public class B extends A { public

B(String s) { System.out.print("B"); } public static void main(String[] args) { new B("C");

System.out.println(" "); } }

1) A
2) B
3) **Compilation Error**
4) Zero

Questions for Round-I January 2021

1. Which Country is not member of ASEAN?
1) India
2) Philipinnes
3) Malyasia
4) Thailand

2. Veteran Actor Ravi Patwardhan passed away at the age of 84 ,he acted in which language movies?

1) Tamil
2) English
3) Hindi
4) Marathi

3. Which is first established IIT(Indian Institute of Technology)?
1) IIT Kanpur
2) IIT Kharagpur
3) IIT Delhi
4) IIT Madras

4. India was ranked at which position on the annual World Competitiveness Index?
1) 54th
2) 43rd
3) 37th
4) 61st

5. Who is MD and CEO of ICICI Bank?
1) Sandeep Bakhshi
2) Prashant Kumat
3) Amit Goel
4) Aditya Puri

Questions for Round-II January 2021

6. Find the unit digit in the product $(365 \times 659 \times 771)$
1) 1
2) 4
3) 5
4) 9

7. If there are 6 terms in a series, then find the sum of geometric series 2, 6, 18, 54, ----
1) 758
2) 728
3) 724
4) 738

8. Find the largest 4 digit number which is divisible by 88.
1) 8844
2) 9999
3) 9944
4) 7744

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9. Which of these is a standard interface for serial data transmission?
1) ASCII
2) 2
3) Centronics
4) RS232C

10. Which type of topology is best suited for large businesses which must carefully control and coordinate the operation of distributed branch outlets?
1) Ring
2) Locak
3) Hierarchical
4) Star

11. "Parity bits" are used for which of the following purposes?
1) Encryption of data
2) to transmit data
3) error detection
4) All of the above.

12. #include<stdio.h> int main() { int n; for(n = 7; n!=0; n--) printf("n = %d", n--); getchar(); return 0; }
1) 0
2) Compile error
3) Runtime Error
4) Infinite Loop

13. #include <stdlib.h> #include <stdio.h> enum {false, true}; int main() { int i = 1; do {
printf("%d\n", i); i++; if (i < 15) continue; } while (false); getchar(); return 0; }
1) i printed twice
2) i printed thrice
3) i printed once
4) Zero

14. How is the Railway Protection Force (RPF) recently renamed by the Ministry of Railways?
1) Railway Protection Service
2) Indian Railway Protection Force Service
3) Indian Railway Force Service
4) Indian Railway Service

15.Recently the Election Commission of India has renewed the MoU on electoral cooperation with which country?
1) Mauritius
2) Maldives
3) Malaysia
4) Myanmar

16. National Institute of Rural Development and Panchayati Raj (NIRDPR) has recently partnered with which global organisation to establish a 'Communication Resource Unit'?
1) World Bank
2) UNICEF
3) UNESCO

17. Which state assembly recently passed a resolution to abolish the state's legislative council?
1) Telangana
2) Maharashtra
3) Andhra Pradesh
4) Karnataka

18. The national online platform for public procurement, Government e-Marketplace (GeM), was launched in which year?
1) 2015
2) 2016
3) 2017
4) 2018

<p style="text-align:center; color:red">Questions for Round-II February 2021</p>

19. If a boat travels with a speed of 10 km/hr in still water and the speed of stream is 5 km/hr, what would be the time taken in hrs by boat to go 60 km downstream?
1) 2
2) 4
3) 6
4) 8

20. A man rows a boat at 8 km upstream in 2 hours and 2 km downstream in 40 minutes. How long will he take to reach 7 km in still water?
1) 2 hrs
2) 4hrs 15 min
3) 6 hrs
4) 12hrs

21. The speed of swimmer along with the flow of river is 40 km/hr and against the flow of river is 22 km/hr. What would be the speed of swimmer in still water in km/hr?
1) 11
2) 31
3) 55
4) 42

<p style="text-align:center; color:red">Questions for Round-III February 2021</p>

23. What do you mean by one to many relationship between Teacher and Class table?
1) One class may have many teachers
2) One teacher can have many classes
3) Many classes may have many teachers
4) Many teachers may have many classes

24. What are the different view to present a Table ?
1) Datasheet View
2) Design View
3) Pivote TableView
4) All of the above

25. In one-to-many relationship the table on 'many' side is called _____
1) Parent
2) Child
3) Sister
4) All of the above.

Questions for Round-IV Feb 2021

26. void main (){ int x = 128; printf ("n%d", 1 + x++);}
1) 128
2) 129
3) 130
4) 131

27. #include <stdio.h> int tmp=20; main( ) { printf("%d ",tmp); func( ); printf("%d ",tmp); }

func() { static int tmp=10; printf("%d ",tmp); }
1) 20 10 10
2) 20 10 20
3) 20 20 20
4) 10 10 10

Questions for Round-I March 2021

28.Which of the following precedence order is correct in Python?

1) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

2) Multiplication, Division, Addition, Subtraction, Parentheses, Exponential

3) Division, Multiplication, Addition, Subtraction, Parentheses, Exponential

4) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction

29.Which state has demanded a COVID-19 negative certificate from people arriving through road, rail or by air?
1) Kerala
2) Sikkim
3) Arunachal Pradesh
4) Goa

30.Twitter labelled which among the following world leader's tweets as misleading?
1) Donald Trump
2) Narendra Modi
3) Angela Merkel
4) Kim Jong Un

31. What is the new name of NASA's WFIRST Hubble Telescope?
    1) Nancy Grace Roman
    2) James E. Webb
    3) Thomas O Paine
    4) Richard H Truly

32. Which among the following authors has published the book "The Ickabog"?
    1) Dan Brown
    2) JK Rowling
    3) George RR Martin
    4) None

33. Which state has decided to maintain a 'State Health Register' of all citizens?
    1) Assam
    2) Maharashtra
    3) Delhi
    4) Karnataka

<p style="text-align:center;color:red;">Questions for Round-II March 2021</p>

34. A sum of money is distributed among A, B and C such that A get double of C and B get average of A and B. Find the ratio in which the money is distributed?

    1) 1:1:7

    2) 2:2:1

    3) 1:1:2

    4) 1:2:3

35. There are 45 students in a class. The no. of boys is 5 more than girls. The average weight of boys is 5 more than average weight of girls. The total weight of boys is 100 more than girls. Calculate the average weight of the class?

    1) 50.1kg

    2) 51.1 kg

    3) 49.1kg

    4) 50kg

    5) 52kg

36. Prateek sold a music system to karthik at 20 % profit and karthik sold it to shweta at 40 % profit. If shweta paid Rs. 10500 for the music system, what amount did Prateek pay for the same?

    1) **6250**

    2) 5000

    3) 8000

    4) 7500

    5) 9000

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37. The analysis performed to uncover interesting statistical correlations between associated-attribute-value pairs is called?

1) Mining of Association Mining of Clusters **Mining of Correlations**

2) What is the rule of simple reflex agent?

3) Simple-action rule **Condition-action rule** Simple & Condition-action rule

4) An algorithm A is admissible if _____

38. It is not guaranteed to return an optimal solution when one exists

1) It is guaranteed to return an optimal solution when one exists

2) It returns more solutions, but not an optimal one

3) All of the above.

39. What will be the output of the following C code?#include <stdio.h>

```
void main() {
int x = 5;
 if (x < 1)
printf("hello");
 if (x == 5)
 printf("hi");
else                                              printf("no");
}
```

Hi hello no error

2.What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input)   #include <stdio.h>

```
void main()   {                          double ch;
printf("enter a value between 1 to 2:");      scanf("%lf", &ch);
switch (ch)      {                          case 1:
printf("1");                                        break;
case 2:                                                printf("2");
break;     }                                        }
```

1 2 **compile time error** varies All of the above

Questions for Round-V March 2021.

Which alphabet will be 14th to the left of 8th alphabet from the right in the following series of letters?A O B P C Q D R E S F T G U H V I W J X K Y L Z M N.

B **C** Y P

Lali and Anju are a married couple. Tunu and Munu are brothers. Tunu is the brother of Lali. How is Munu related to Anju?

Brother Sister **Brother in law** Sister in law uncle

How many sets of two letters have as many letters between them as in the English alphabetical order in the word 'WRISTWATCH'.

1 **2** 3 4

Questions for Round-I April 2021

1. **The Indian Railways set to meet its energy consumption of over 33 billion units by which year?**

   1) 2030

   2) 2035

   3) 2040

   4) 2045

2. **The Business with an annual turnover of up to _____ are exempted from GST (August 2020).**

   1) 20 lac

   2) 40 lac

   3) 30 lac

   4) 50 lac

3. **Name the Kerala's 1st marine ambulance which was inaugurated by Kerala CM Pinarayi Vijayan recently.**

   1) Khukri

   2) Nireeksha

   3) Sindughosh

   4) Pratheeksha

4. **Shinzo Abe the prime minister of which country has resigned from the post in August 2020?**

   1) Korea

   2) Japan

   3) Thailand

   4) Singapore

5. **Tharanga Paranavitana who announced retirement from international cricket played for which country?**

   1) India

   2) Nepal

   3) Pakistan

   4) Sri Lanka

Questions for Round-II April 2021.

6. **A mixture contains alcohol and water in the ratio 4 : 3. If 5 liters of water is added to the mixture, the ratio becomes 4: 5. Find the quantity of alcohol in the given mixture.**

   1)10

   2) 12

   3) 15

   4)18

7. **A bag contains 50 P, 25 P and 10 P coins in the ratio 5: 9: 4, amounting to Rs. 206. Find the number of coins of each type respectively.**

   1) 360, 160, 200

   2) 160, 360, 200

   3) 200, 360,160

   4) 200,160,300

8. **Find the largest 4 digit number which is divisible by 88.**

   1) 8844

   2) 9999

   3) 9944

4) 7744

9. **What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?**

    1) Distributed Computing

    2) Soft Computing

    3) Quantum

    4) Computing

    5) Cloud Computing

10. **Which one of the following options can be considered as the Cloud?**

    1) Hadoop

    2) Intranet

    3) Web Applications

11. **Which of the following has many features of that is now known as cloud computing?**

    1) Web Services

    2) Software

    3) Internet

    4) All of the above.

Which of the following words cannot be a variable in python language? *

    _val

    val

    try

    try

Which of the following precedence order is correct in Python? *

    Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

    Multiplication, Division, Addition, Subtraction, Parentheses, Exponential

    Division, Multiplication, Addition, Subtraction, Parentheses, Exponential

    Exponential, Parentheses, Multiplication, Division, Addition, Subtraction

Questions for Round-I May 2021.

12. **The first silk processing plant of the Khadi and Village Industries Commission (KVIC) is set up in which state, to boost production of Patola sarees?**

   1) Maharashtra

   2) Sikkim

   3) Arunachal Pradesh

   4) Goa

   5) Gujarat

13. **Which Union Ministry recently set up a new division called the 'New, emerging and**

   1)**strategic technologies (NEST) division'?**

   2) Ministry of Electronics and Information Technology

   3) Ministry of Communication

   4) Ministry of External Affairs

14. **The Chief Minister of Kerala recently launched the state's regulatory authority 'K-RERA'. The authority is related to which field?**

   1) Research

   2) Revenue

   3) Real Estate

15. **Which state launched an initiative called 'Safe homes' to provide safe accommodation to inter-caste and inter-religious couples?**

   1) Maharashtra

   2) Kerala

   3) Karnataka

   4) Tamil Nadu

Questions for Round-II May 2021.

16. **Sam and Joan are playing a tennis match. If the probability of Sam's win is 0.59, then find the probability of Joan's win.**

   1)0.47

   2)0.36

3)**0.41**

4)0.25

17. **Let A and B be events on the same sample space, with P (A) = 0.6 and P (B) = 0.7. Can these two events be disjoint?**

1) Yes

2) No

3) None

4) All

18. **A family has two children. find the probability that both the children are girls given that at least one of them is a girl?**

1) 1/4

2) 2/3

3) 1/3

4) 1/5

Questions for Round-I Sept 2021.

1.My brothers were both born in the month of ….

March

2.Who is the … of the United States of America?
president

3.The Pacific Ocean is the largest … in the world.
Ocean