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[Established by the Govt. of NCT of Delhi]

Participant ID	
Participant Name	
Test Center Name	Kangto Assessment Centre
Test Date	11/09/2020
Test Time	5:00 PM - 7:30 PM
Subject	BCA

Section : English Language and Comprehension and General Knowledge-IT and Science Related

Q.1

Which IT Company's nickname is 'The Big Blue'?

- A. Apple
- B. Microsoft
- C. IBM
- D. Samsung

Ans ☒ A. 1
☒ B. 2
☒ C. 3
☒ D. 4

Question ID : 4774415314

Status : Answered

Chosen Option : 4

Q.2

Find out the **correct spelling** (A great writer)

- A. Shakespeare
- B. Shakespear
- C. Shakspiear
- D. Shakespier

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415308

Status : Answered

Chosen Option : 1

Q.3

Fill in the blanks with the appropriate option out of the four choices given below:

The man who has committed such a serious crime must _____ punishment.

- A. get the most severely
- B. get the most severe
- C. have got the most severely
- D. got most severe

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415306

Status : Answered

Chosen Option : 2

Q.4

The longest and largest bone in the human body is _____.

- A. Spinal Cord
- B. Humerus
- C. Fibula
- D. Femur

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415338

Status : Answered

Chosen Option : 1

Q.5

Which of the following is a large blood vessel that carries blood away from the heart?

- A. Vein
- B. Artery
- C. Capillary
- D. Nerve

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415324

Status : Answered

Chosen Option : 3

Q.6

In which year Microsoft Office was launched?

- A. 1969
- B. 1979
- C. 1990
- D. 1999

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415316

Status : Not Answered

Chosen Option : --

Q.7

Air is a/an _____.

- A. Compound
- B. Element
- C. Electrolyte
- D. Mixture

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415334

Status : Answered

Chosen Option : 4

Q.8

Viticulture is related with _____.

- A. Grapes
- B. Pine Apple
- C. Orange
- D. Strawberry

Ans

- ☒ A. 1
- ☐ B. 2
- ☐ C. 3
- ☐ D. 4

Question ID : 4774415335

Status : Not Answered

Chosen Option : --

Q.9

Read the passage carefully and answer the questions that follow.

Passage

There are many types of protein molecules in the body, and each type is specific to its function. For example, proteins such as keratin and collagen give strength and elasticity to hair, as well as to skin and tendons; haemoglobin and myoglobin are the oxygen-binding proteins of the blood and the muscle, respectively; ovalbumin, the principal protein of egg white, is responsible for the setting and foaming properties of eggs. A particularly important group of proteins known as enzymes directs all the body cells to produce chemical reactions. These reactions provide the basis of every type of cell activity, including growth repair, the production of energy and the excretion of waste products.

Which protein gives strength and elasticity to hair?

- A. keratin
- B. myoglobin
- C. ovalbumin
- D. none

Ans

- ☒ A. 1
- ☐ B. 2
- ☐ C. 3
- ☐ D. 4

Question ID : 4774415312

Status : Answered

Chosen Option : 1

Q.10

Which of the following is not a valid domain name?

- A. www.google.com
- B. www.yahoo.co.uk
- C. www.fr.yahoo
- D. www.ipu.ac.in

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415329

Status : Answered

Chosen Option : 2

Q.11

What is the characteristic of a reptile?

- A. Cold blooded
- B. Warm Blooded
- C. Non-Hearing
- D. Egg-laying

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415327

Status : Answered

Chosen Option : 1

Q.12

Web pages are written using _____.

- A. FTP
- B. HTTP
- C. URL
- D. HTML

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415323

Status : Answered

Chosen Option : 4

Q.13

In each of the following questions, an idiom or a phrase has been given, followed by four alternatives. Choose the one which best expresses the meaning of the given idiom/phrase.

Castles in the air.

- A. romantic designs
- B. perfect plans
- C. ideal projects
- D. Imaginary unachievable plots

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415301

Status : Answered

Chosen Option : 4

Q.14

In each of the following questions, choose the word most similar in meaning to the given word.

Livid

- A. Complete
- B. Extravagant
- C. Astute
- D. Angry

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415300

Status : **Answered**

Chosen Option : 2

Q.15

Which one is volatile memory in a computer system?

- A. Hard Disk
- B. RAM
- C. ROM
- D. Optical Drive

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415320

Status : **Answered**

Chosen Option : 1

Q.16

Fill in the blanks with the appropriate option out of the four choices given below:

_____ of the building collapse had everyone spellbound.

- A. alarming report
- B. reporting alarm
- C. reported alarm
- D. alarmed report

Ans



A. 1



B. 2



C. 3



D. 4

Question ID : 4774415305

Status : Answered

Chosen Option : 1

Q.17

Read the passage carefully and answer the questions that follow.

Passage

There are many types of protein molecules in the body, and each type is specific to its function. For example, proteins such as keratin and collagen give strength and elasticity to hair, as well as to skin and tendons; haemoglobin and myoglobin are the oxygen-binding proteins of the blood and the muscle, respectively; ovalbumin, the principal protein of egg white, is responsible for the setting and foaming properties of eggs. A particularly important group of proteins known as enzymes directs all the body cells to produce chemical reactions. These reactions provide the basis of every type of cell activity, including growth repair, the production of energy and the excretion of waste products.

Enzymes direct all the body cells to produce chemical reactions which provide _____.

- A. basis for every type of cell activity
- B. growth and repair
- C. production of energy and the excretion of waste
- D. all the above.

Ans



A. 1



B. 2



C. 3



D. 4

Question ID : 4774415313

Status : Answered

Chosen Option : 4

Q.18 Read the passage carefully and answer the questions that follow.

Passage

There are many types of protein molecules in the body, and each type is specific to its function. For example, proteins such as keratin and collagen give strength and elasticity to hair, as well as to skin and tendons; haemoglobin and myoglobin are the oxygen-binding proteins of the blood and the muscle, respectively; ovalbumin, the principal protein of egg white, is responsible for the setting and foaming properties of eggs. A particularly important group of proteins known as enzymes directs all the body cells to produce chemical reactions. These reactions provide the basis of every type of cell activity, including growth repair, the production of energy and the excretion of waste products.

The function of the enzymes is to _____.

- A. direct chemical reactions in body cells
- B. bind oxygen in the blood
- C. give strength and elasticity to hair
- D. set and foam properties of egg

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415311
Status : Answered
Chosen Option : 1

Q.19 Choose the word wrongly spelt:

- A. Teaser
- B. Teatotaller
- C. Teething
- D. Tedious

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415307
Status : Answered
Chosen Option : 2

Q.20 Read the passage carefully and answer the questions that follow.

Passage

There are many types of protein molecules in the body, and each type is specific to its function. For example, proteins such as keratin and collagen give strength and elasticity to hair, as well as to skin and tendons; haemoglobin and myoglobin are the oxygen-binding proteins of the blood and the muscle, respectively; ovalbumin, the principal protein of egg white, is responsible for the setting and foaming properties of eggs. A particularly important group of proteins known as enzymes directs all the body cells to produce chemical reactions. These reactions provide the basis of every type of cell activity, including growth repair, the production of energy and the excretion of waste products.

Proteins are classified according to _____.

- A. the number of molecules
- B. their names
- C. their functions
- D. the part of the body they are found in

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415310

Status : Answered

Chosen Option : 3

Q.21

Mushroom belongs to _____.

- A. Algae
- B. Fern
- C. Fungi
- D. Plant

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415326

Status : Not Answered

Chosen Option : --

Q.22

In each of the following questions, an idiom or a phrase has been given, followed by four alternatives. Choose the one which best expresses the meaning of the given idiom/phrase.

Pay one back in the same coin.

- A. To provoke a person to quarrel
- B. To offer another polite attention
- C. To retaliate
- D. To give a word of encouragement or praise to another

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415302

Status : Answered

Chosen Option : 3

Q.23

In each of the following questions, choose the word most similar in meaning to the given word.

Scorn

- A. Respect
- B. Laugh
- C. Contempt
- D. Criticize

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415299

Status : Answered

Chosen Option : 3

Q.24

ROM stands for _____.

- A. Random Obsolete Memory
- B. Read Only Memory
- C. Read Memory Only
- D. Real Obsolute Memory

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415330

Status : **Answered**

Chosen Option : 2

Q.25

1024 bit is equal to how many bytes?

- A. 16 Bytes
- B. 32 Bytes
- C. 64 Bytes
- D. 128 Bytes

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415322

Status : **Answered**

Chosen Option : 3

Q.26

Which of the following is not a member of the vitamin B complex?

- A. Thiamine
- B. Riboflavin
- C. Folic acid
- D. Ascorbic acid

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415325

Status : Not Answered

Chosen Option : --

Q.27

Which vitamin is abundant in citrus fruits?

- A. Vitamin A
- B. Vitamin B
- C. Vitamin C
- D. Vitamin D

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415336

Status : Answered

Chosen Option : 4

Q.28

Longhorn was the code name of?

- A. Windows Vista
- B. Windows XP
- C. Windows 7
- D. Windows 10

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415317

Status : Answered

Chosen Option : 1

Q.29

Chemical formula for water is _____.

- A. NaAlO_2
- B. H_2O
- C. Al_2O_3
- D. CaSiO_3

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415332

Status : Answered

Chosen Option : 2

Q.30

Which variety of glass is heat resistant?

- A. bottle glass
- B. flint glass
- C. hard glass
- D. pyrex glass

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415337

Status : Answered

Chosen Option : 4

Q.31

Which day is celebrated as World Computer Literacy Day?

- A. December 2
- B. December 4
- C. December 6
- D. December 8

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415319

Status : Answered

Chosen Option : 3

Q.32

Which blood vessels have the smallest diameter?

- A. Capillaries
- B. Arterioles
- C. Venules
- D. Lymphatic

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415328

Status : Answered

Chosen Option : 3

Q.33

Who invented Java?

- A. James T Russel
- B. J. M. Coetzee
- C. Tim Burners Lee
- D. James A Gosling

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415318

Status : Answered

Chosen Option : 3

Q.34

Another word for the CPU is _____.

- A. Execute
- B. Microprocessor
- C. Micro chip
- D. Computer

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415331

Status : Answered

Chosen Option : 4

Q.35

What is the full form of PDF?

- A. Portable device format
- B. Portable document format
- C. Portable disk format
- D. Portable drive format

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415315

Status : Answered

Chosen Option : 2

Q.36

Which of the gas is not known as green house gas?

- A. Methane
- B. Nitrous oxide
- C. Carbon dioxide
- D. Hydrogen

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415333

Status : Answered

Chosen Option : 3

Q.37

Fill in the blanks with the appropriate option out of the four choices given below:

The use of radar as well as two-way radio paging _____ for state police to intercept most speeders.

- A. make it possible
- B. makes it possible
- C. allows the possibility
- D. makes possible

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415304

Status : Answered

Chosen Option : 4

Q.38 Fill in the blanks with the appropriate option out of the four choices given below:

At the end of the play about women's liberation, the leading lady cautioned the audience not to judge womanhood by the way _____.

- A. she dresses
- B. she dressed
- C. it dressed
- D. they dressed

Ans  A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415303

Status : Answered

Chosen Option : 4

Q.39 What is used to make computer chips?

- A. Copper
- B. Steel
- C. Silicon
- D. Iron

Ans  A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415321

Status : Answered

Chosen Option : 4

Q.40 Read the passage carefully and answer the questions that follow.

Passage

There are many types of protein molecules in the body, and each type is specific to its function. For example, proteins such as keratin and collagen give strength and elasticity to hair, as well as to skin and tendons; haemoglobin and myoglobin are the oxygen-binding proteins of the blood and the muscle, respectively; ovalbumin, the principal protein of egg white, is responsible for the setting and foaming properties of eggs. A particularly important group of proteins known as enzymes directs all the body cells to produce chemical reactions. These reactions provide the basis of every type of cell activity, including growth repair, the production of energy and the excretion of waste products.

From the passage, it is clear that there are several types of proteins that _____.

- A. can create problems in our body
- B. carry out specific tasks
- C. are found in all organisms
- D. have interchangeable functions

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415309
Status : Answered
Chosen Option : 2

Section : Mathematics

Q.1

Find the value of $3^2 \times 3^3 \times \frac{1}{3^4} = ?$

- A. 1
- B. 3
- C. 9
- D. 27

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415363
Status : Answered
Chosen Option : 2

Q.2

If A and B are mutually exclusive events, then:

- A. $P(A \cap B) = 1$
- B. $P(A \cap B) = 0$
- C. $P(A) = P(B)$
- D. $P(A \cap B) = P(A)P(B)$

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415348

Status : Answered

Chosen Option : 3

Q.3

If $x = \log_2 3$ & $y = \log_{\frac{1}{2}} 5$, then:

- A. $x > y$
- B. $x < y$
- C. $x = y$
- D. None of these

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415349

Status : Not Answered

Chosen Option : --

Q.4

Find the value of $\frac{3^5}{3^5} = ?$

- A. 1
- B. 3
- C. 9
- D. 27

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415362

Status : Answered

Chosen Option : 1

Q.5

If $A = \begin{bmatrix} 2i & i \\ i & -i \end{bmatrix}$, then $|A| = \underline{\hspace{2cm}}$.

- A. 2
- B. 3
- C. 4
- D. 5

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415368

Status : Answered

Chosen Option : 1

Q.6

If $f(x) = e^x$ then $f'(x) = ?$

- A. e^{-x}
- B. e^x
- C. $\ln x$
- D. $\log x$

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415361
Status : Answered
Chosen Option : 1

Q.7

Which one of the following is a parametric form of a straight line?

- A. $x = \cos(t), y = \sin(t), t \in \mathbb{R}$
- B. $x = t, y = t^2, t \in \mathbb{R}$
- C. $x = 2t, y = 3t, t \in \mathbb{R}$
- D. $x = \sqrt{t}, y = t, t \in \mathbb{R}$

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415345
Status : Not Answered
Chosen Option : --

Q.8

If $y = \sin x + \cos x - 5$, then dy/dx is:

- A. $\cos x - \sin x$
- B. $\cos x + \sin x - 5$
- C. $\sin x - \sec x$
- D. $\sin x + \cos x + 5$

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415366

Status : Not Answered

Chosen Option : --

Q.9

The probability of drawing an ace or a spade or both from a deck of 52 cards is:

- A. $4/13$
- B. $1/12$
- C. 1
- D. $13/4$

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415344

Status : Answered

Chosen Option : 3

Q.10

The Determinant of the matrix $\begin{bmatrix} 1 & \omega & \omega^2 \\ \omega & \omega^2 & 1 \\ \omega^2 & 1 & \omega \end{bmatrix}$ is (where ω is the cube root of unity):

- A. 0
- B. 1
- C. ω
- D. ω^2

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415351

Status : Answered

Chosen Option : 4

Q.11

If a random variable x follows the Poisson distribution such that $P(x = 1) = P(x = 2)$ then mean of the distribution is:

- A. 0
- B. 1
- C. 2
- D. 0.5

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415339

Status : Not Answered

Chosen Option : --

Q.12

If $\begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \\ a_{31} & a_{32} \end{bmatrix} A = \begin{bmatrix} b_{11} & b_{12} & b_{13} \\ b_{21} & b_{22} & b_{23} \\ b_{31} & b_{32} & b_{33} \end{bmatrix}$ then order of the matrix A is:

- A. 2 x 2
- B. 2 x 3
- C. 3 x 2
- D. 3 x 3

Ans



A. 1



B. 2



C. 3



D. 4

Question ID : 4774415356

Status : Answered

Chosen Option : 4

Q.13

If $15C_{3r} = 15C_{r+3}$, then r is equal to:

- A. 5
- B. 4
- C. 3
- D. 2

Ans



A. 1



B. 2



C. 3



D. 4

Question ID : 4774415350

Status : Not Answered

Chosen Option : --

Q.14

If $x + \frac{1}{x} = 2 \cos \theta$ then the value of $x^n + \frac{1}{x^n}$ is:

- A. $2 \cos n\theta$
- B. $-2 \cos n\theta$
- C. $3 \cos \theta$
- D. $2 \sin n\theta$

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415359

Status : Not Answered

Chosen Option : --

Q.15

If $A = \begin{bmatrix} 0 & 1 \\ 0 & 0 \end{bmatrix}$ and I is a unit matrix of order two and a, b are arbitrary scalars, then

$(aI + bA)^2$ will be

- A. $a^2I + abA$
- B. $a^2I + 2abA$
- C. $a^2I + b^2A$
- D. None of these

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415352

Status : Answered

Chosen Option : 4

Q.16

If $u = \sin^{-1}\left(\frac{y}{x}\right)$, then $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y}$ is equal to:

- A. 0
- B. u
- C. $\frac{u}{2}$
- D. $2u$

Ans

- ☒ A. 1
- ☐ B. 2
- ☐ C. 3
- ☐ D. 4

Question ID : 4774415353

Status : Not Answered

Chosen Option : --

Q.17

What is the order of the matrix with m rows and n columns?

- A. $m + n$
- B. $n \times n$
- C. $m \times m$
- D. $m \times n$

Ans

- ☐ A. 1
- ☐ B. 2
- ☐ C. 3
- ☒ D. 4

Question ID : 4774415341

Status : Answered

Chosen Option : 4

Q.18

Find the value $\sqrt[3]{\sqrt{64}} = ?$

- A. $\sqrt{2}$
- B. 2
- C. 4
- D. 8

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415364

Status : Answered

Chosen Option : 3

Q.19

The Taylor series expansion of e^{-x} is:

- A. $1 + x + x^2 + \dots$
- B. $1 + x + \frac{x^2}{2!} + \dots$
- C. $1 - x + \frac{x^2}{2!} - \dots$
- D. $1 - x - x^2 - \dots$

Ans  A. 1
 B. 2
 C. 3
 D. 4

Question ID : 4774415347

Status : Not Answered

Chosen Option : --

Q.20

The n^{th} order derivative of $y = e^{3x}$ with respect to x is:

- A. $3^{-n}e^{3x}$
- B. $3^n e^{3x}$
- C. $3^{-n}e^{-3x}$
- D. $3^n e^{-3x}$

Ans  A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415342

Status : Not Answered

Chosen Option : --

Q.21

If the mean and variance of a binomial variable X are 2 and 1 respectively, then the probability that X takes a value 1 is:

- A. $\frac{1}{16}$
- B. $\frac{4}{5}$
- C. $\frac{7}{8}$
- D. $\frac{1}{4}$

Ans  A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415358

Status : Not Answered

Chosen Option : --

Q.22

A circular wire of radius 42 cm is cut and bent into the form of a rectangle whose sides are in the ratio of 6 : 5. The smaller side of the rectangle is:

- A. 30 cm
- B. 60 cm
- C. 70 cm
- D. 80 cm

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415346

Status : Answered

Chosen Option : 1

Q.23

If $P(A)=1/4$, $P(B)=1/3$, and $P(A \cup B) = 1/2$ then $P(A/B)$ is:

- A. $1/2$
- B. $1/3$
- C. 1
- D. $1/4$

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415343

Status : Answered

Chosen Option : 3

Q.24

Coefficient of x in the expansion of $(x + \frac{2}{x})^9$ is:

- A. 1341
- B. 3519
- C. 216
- D. 2016

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415340

Status : Not Answered

Chosen Option : --

Q.25

Differential coefficient of $\log x \cdot \sin x$ with respect to x is:

- A. $\sin x \cdot 1/x$
- B. $\cos x \cdot \sin x + \log x$
- C. $\sin x \cdot 1/x + \log x \cdot \cos x$
- D. $\cos x \cdot (-1/x) + 1/\log x$

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415365

Status : Not Answered

Chosen Option : --

Q.26

If $\tan(A + B) = p$ & $\tan(A - B) = q$, then the value of $\tan 2A$ is:

- A. $\frac{p+q}{p-q}$
- B. $\frac{p-q}{1+pq}$
- C. $\frac{1+pq}{1-p}$
- D. $\frac{p+q}{1-pq}$

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415355

Status : Not Answered

Chosen Option : --

Q.27

The value of $\int_1^4 \left(\sqrt{x} + \frac{1}{\sqrt{x}} \right) dx$ is:

- A. 20/3
- B. -20/3
- C. 10/3
- D. 15/3

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415360

Status : Not Answered

Chosen Option : --

Q.28

What is the 31st term of the sequence: 1, 4, 7, 10, ____?

- A. 90
- B. 91
- C. 92
- D. 93

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415367

Status : Answered

Chosen Option : 2

Q.29

The radius of two circles, are 4 cm and 3 cm respectively. The diameter of the circle having area equal to the sum of the areas of the two circles (in cm) is:

- A. 5
- B. 7
- C. 10
- D. 14

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415354

Status : Answered

Chosen Option : 2

Q.30

$\lim_{x \rightarrow 0} \frac{\sin^2 x}{x}$ is equal to:

- A. 0
- B. not defined
- C. 1
- D. -1

Ans

- ☒ A. 1
- ☐ B. 2
- ☐ C. 3
- ☐ D. 4

Question ID : 4774415357

Status : Not Answered

Chosen Option : --

Section : Computer Awareness

Q.1

Word length of an i7 CPU is?

- A. 4 bits
- B. 8 bits
- C. 64 bits
- D. 24 bits

Ans

- ☐ A. 1
- ☐ B. 2
- ☒ C. 3
- ☐ D. 4

Question ID : 4774415389

Status : Answered

Chosen Option : 3

Q.2

Which of the following four binary digits is equivalent to decimal number 12?

- A. 1011
- B. 1101
- C. 1110
- D. 1100

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415372

Status : Not Answered

Chosen Option : --

Q.3

Which of the following is not a valid bus in computer organization?

- A. Data Bus
- B. Memory Bus
- C. Address Bus
- D. System Bus

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415392

Status : Answered

Chosen Option : 3

Q.4

Which of the following is the first calculating device?

- A. Abacus
- B. Calculator
- C. Turing Machine
- D. Pascal

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415382

Status : **Answered**

Chosen Option : 1

Q.5

Which of the following is fastest Memory?

- A. Cache
- B. Primary
- C. Secondary
- D. HDD

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415381

Status : **Answered**

Chosen Option : 1

Q.6

Who among the following considered as the 'father of computer'?

- A. Vint Cerf
- B. Charles Babbage
- C. Tim Berners Lee
- D. None of these

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415377

Status : **Answered**

Chosen Option : 2

Q.7

A computer program that converts assembly language to machine language is called

_____.

- A. Compiler
- B. Interpreter
- C. Assembler
- D. Comparator

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415378

Status : **Answered**

Chosen Option : 4

Q.8

What is called the part of CPU which coordinates all function of computer and other components?

- A. ALU
- B. UPS
- C. Motherboard
- D. Control unit

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415370

Status : Answered

Chosen Option : 3

Q.9

Which of the following is the largest unit of storage?

- A. Gigabyte
- B. Byte
- C. Megabyte
- D. Kilobyte

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415396

Status : Answered

Chosen Option : 3

Q.10

Firewall in computer is used for _____.

- A. Security
- B. Data Transmission
- C. Authentication
- D. Monitoring

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415376

Status : Answered

Chosen Option : 3

Q.11

Which among the following is not a logical gate?

- A. NOR
- B. XO
- C. AND
- D. NAND

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415386

Status : Answered

Chosen Option : 3

Q.12

What is full form of IP?

- A. Interface Program
- B. Internet Program
- C. Internet Protocol
- D. Interface Protocol

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415388

Status : Answered

Chosen Option : 3

Q.13

A program in execution is called _____.

- A. Process
- B. Instruction
- C. Procedure
- D. Function

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415398

Status : Answered

Chosen Option : 3

Q.14

Which is responsible for performing modulation/ demodulation?

- A. Receiver
- B. Transmitter
- C. Router
- D. Modem

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415390

Status : Answered

Chosen Option : 4

Q.15

WAN stands for _____.

- A. Wired Area Network
- B. Wide Area Network
- C. Wide Array Net
- D. Wireless Area Network

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415374

Status : Answered

Chosen Option : 2

Q.16

Device drivers are examples of _____.

- A. Application software
- B. System software
- C. Utility software
- D. These are type of hardware

Ans  A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415391

Status : **Answered**

Chosen Option : 2

Q.17

Which of following alphabet cannot be part of a hexadecimal digit?

- A. A
- B. K
- C. F
- D. E

Ans  A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415397

Status : **Answered**

Chosen Option : 3

Q.18

How many bits make a half byte?

- A. 4
- B. 2
- C. 8
- D. 6

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415395

Status : Answered

Chosen Option : 2

Q.19

Which among the following is not an input device?

- A. Mouse
- B. Scanner
- C. Keyboard
- D. Printer

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415385

Status : Answered

Chosen Option : 4

Q.20

What is the starting up of an operating system called?

- A. Starting
- B. Entering
- C. Booting
- D. Formatting

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415371

Status : **Answered**

Chosen Option : 3

Q.21

Correcting errors in a program is called _____.

- A. Interpreting
- B. Translating
- C. Debugging
- D. Compiling

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415373

Status : **Answered**

Chosen Option : 3

Q.22

Resolution of printer is measured in _____.

- A. Megabits
- B. Inches
- C. Hertz
- D. DPI

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415387

Status : Answered

Chosen Option : 2

Q.23

What is the Full form of URL?

- A. Uniform Resource Locator
- B. Uniform Resource Link
- C. Uniform Registered Link
- D. Unified Resource Link

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415384

Status : Answered

Chosen Option : 1

Q.24

Which gate is also known inverter gate?

- A. AND
- B. OR
- C. NOT
- D. XOR

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415394

Status : Answered

Chosen Option : 1

Q.25

Which is not a function of Operating System?

- A. Process management
- B. Memory Management
- C. Web Server management
- D. File Management

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415393

Status : Answered

Chosen Option : 3

Q.26

Word processing, spreadsheet, and photo-editing are examples of _____.

- A. application software
- B. system software
- C. operating system software
- D. platform software

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415369

Status : Answered

Chosen Option : 3

Q.27

Who invented mechanical calculator called Pascaline?

- A. Charles Babbage
- B. Blaise Pascal
- C. Alan Turing
- D. Lee De Forest

Ans

-  A. 1
-  B. 2
-  C. 3
-  D. 4

Question ID : 4774415383

Status : Answered

Chosen Option : 2

Q.28

In which generation of computers, transistors were used?

- A. First
- B. Second
- C. Third
- D. Fourth

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415379

Status : Not Answered

Chosen Option : --

Q.29

The speed of a CPU is measured in _____.

- A. Hertz (Hz)
- B. Megahertz
- C. Gigabytes
- D. Byte

Ans

 A. 1

 B. 2

 C. 3

 D. 4

Question ID : 4774415375

Status : Answered

Chosen Option : 3

Q.30

Which of the following file extension used for Microsoft Word documents?

- A. .txt
- B. .doc
- C. .pdf
- D. .xls

Ans



A. 1



B. 2



C. 3



D. 4

Question ID : 4774415380

Status : Answered

Chosen Option : 2