GSECL Recruitment Exam 2022

Roll No.	
Registration No.	
Participant Name	
Test Center Name	
Test Date	07/09/2022
Test Time :	8:30 AM - 10:30 AM
Post Name	VS JE (Civil)
Registered Photo	
Exam Day Photo	

Section : **General Knowledge**

Q.1 Rajaraja I belonged to which of the following dynasties?

Ans ✗ 1. Satavahana

✗ 2. Chera

✗ 3. Pandyan

✓ 4. Chola

Q.2 In April 2022, who acquired Twitter for $44 billion?

Ans ✗ 1. Bill Gates

✗ 2. Jeff Bezos

✗ 3. Dara Khosrowshahi

✓ 4. Elon Musk

Q.3 Which of the following is the world's longest international border?

Ans ✗ 1. Russia - China

✗ 2. India - Bangladesh

✓ 3. Canada - United States of America

✗ 4. Mexico - United States of America

Question ID : **740048404**

Q.4 What is the full form of ADSL?

Ans ✓ 1. Asymmetric Digital Subscriber Line

✗ 2. Automatic Digital Subscriber Line

✗ 3. Advanced Data Subscriber Line

✗ 4. Asymmetric Data Subscriber Line

Question ID : **740048410**

Q.5 Nagarhole National Park is located in which of the following states of India?

Ans ✗ 1. Tamil Nadu

✗ 2. Kerala

✓ 3. Karnataka

✗ 4. Andhra Pradesh

Question ID : **740048402**

Q.6 What is the full form of ICCPR?

Ans ✗ 1. Indian Council of Civil and Political Rights

✓ 2. International Covenant on Civil and Political Rights

✗ 3. Indian Convention of Civil and Political Rights

✗ 4. International Centre of Civil and Political Rights

Question ID : **740048409**

Q.7 Naranpura Sports Complex will be constructed in which of the following cities of India?

Ans ✗ 1. Bhubaneshwar

✔ 2. Ahmedabad

✗ 3. Raipur

✗ 4. Jaipur

Question ID : **740048408**

Q.8 As per the economic survey 2021-22, which of the following states is the highest producing state of Groundnut?

Ans ✗ 1. Rajasthan

✔ 2. Gujarat

✗ 3. Haryana

✗ 4. Tamil Nadu

Question ID : **740048403**

Q.9 Which of the following cities has become the 1st city in Gujarat state to get 'Swachh Bharat Mission Water Plus City' certification of Swachh Survekshan 2021 by the Ministry of Urban Housing and Development?

Ans ✗ 1. Vadodara

✗ 2. Ahmedabad

✗ 3. Gandhinagar

✔ 4. Surat

Question ID : **740048405**

Q.10 In October 2020, which Indian submarine was decided to be gifted to Myanmar?

Ans ✗ 1. INS Kalvari

✔ 2. INS Sindhuvir

✗ 3. INS Vikrant

✗ 4. INS Gati

Question ID : **740048407**

Section : **English Knowledge**

Q.11 Select the correctly spelt word.

Ans ✗ 1. Dispicable

✔ 2. Despicable

✗ 3. Despecable

✗ 4. Dispecable

Question ID : **740048417**

Q.12 Select the most appropriate option to fill in the blanks.

_____ milk, _____ butter and _____ cheese are nourishing foods.

Ans ✔ 1. No word, no word, no word

✘ 2. No word, no word, the

✘ 3. The, no word, the

✘ 4. The, the, the

Question ID : 740048411

Q.13 Select the most appropriate option to fill in the blanks.

His addiction _____ gambling is going to be the cause _____ his ruin.

Ans ✘ 1. of, of

✘ 2. on, for

✔ 3. to, of

✘ 4. with, to

Question ID : 740048412

Q.14 Select the INCORRECTLY spelt word.

Ans ✘ 1. Affluent

✔ 2. Repentence

✘ 3. Contemptible

✘ 4. Defiance

Question ID : 740048418

Q.15 Parts of the following sentence have been given as options. Select the option that contains an error.

I asked my mother how much money had she paid for my books.

Ans ✘ 1. how much money

✔ 2. had she paid

✘ 3. I asked my mother

✘ 4. for my books

Question ID : 740048413

Q.16 Select the most appropriate ANTONYM of the given word.

Perspicuous

Ans ✔ 1. Obscure

✘ 2. Limpid

✘ 3. Apparent

✘ 4. Explicit

Question ID : **740048415**

Q.17 Select the most appropriate synonym of the given word.

Collusion

Ans ✘ 1. Clash

✔ 2. Conspiracy

✘ 3. Clarity

✘ 4. Corrosion

Question ID : **740048414**

Q.18 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

If you do not live between you're means, you will soon come to grief.

Ans ✘ 1. in yours means

✔ 2. within your means

✘ 3. under your mean

✘ 4. No improvement required

Question ID : **740048419**

Q.19 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

A. and faced the enemy
B. he wrested the sword
C. fearlessly like a true warrior
D. from his brother's hand

Ans ✔ 1. BDAC

✘ 2. DCAB

✘ 3. CBAD

✘ 4. BCDA

Question ID : **740048420**

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

To increase the speed of

Ans ✗ 1. Exhilarate

✗ 2. Articulate

✗ 3. Appreciate

✔ 4. Accelerate

Section : **Civil Engineering**

Q.21 Two-dimensional heat equation in a steady state condition is:

Ans ✔ 1. $\dfrac{\partial^2 u}{\partial x^2} + \dfrac{\partial^2 u}{\partial y^2} = 0$

✗ 2. $\dfrac{\partial^2 u}{\partial x^2} + \dfrac{\partial^2 u}{\partial y^2} = f(x, y)$

✗ 3. $\dfrac{\partial^2 u}{\partial x^2} = 0$

✗ 4. $\dfrac{\partial^2 u}{\partial y^2} = 0$

Q.22 'Involves slightly higher head loss than sluice valves and also are not suitable for continuous throttling'. These are the properties of which of the following type of valves?

Ans ✗ 1. Sluice valve

✔ 2. Butterfly valve

✗ 3. Check valve

✗ 4. Scour valve

Q.23 Composting of municipal solid waste by the process of aerobic decomposition under aerobic condition is known as:

Ans ✗ 1. Indian method of composting

✗ 2. trench method of composting

✔ 3. Indore method of composting

✗ 4. depression method of composting

Q.24 The specimen size for flexural strength test of concrete is:

Ans
✗ 1. 150×150×650mm for a span of 500mm

✗ 2. 150×150×600mm for a span of 600mm

✗ 3. 150×150×700mm for a span of 500mm

✔ 4. 150×150×700mm for a span of 600mm

Q.25 UPV method of non-destructive testing for concrete is used to determine:

Ans
✗ 1. compressive strength

✔ 2. dynamic modulus of concrete

✗ 3. static modulus of concrete

✗ 4. tensile strength

Q.26 In which method of desalination are salts removed from water through the use of ion exchangers?

Ans
✗ 1. Electrodialysis

✗ 2. Freezing

✔ 3. Demineralisation

✗ 4. Reverse osmosis

Q.27 The detention period of a sedimentation tank for treatment of waste water is:

Ans
✔ 1. 1-2 hours

✗ 2. 3-6 hours

✗ 3. 6-8 hours

✗ 4. 2-4 hours

Q.28 The infiltration capacity curve is the graphical representation of:

Ans
✗ 1. variation of infiltration capacity and runoff

✗ 2. variation of infiltration and rainfall

✔ 3. variation of infiltration capacity and time

✗ 4. variation of infiltration and rainfall intensity

Q.29 The process of heating in an oxygen-free atmosphere and splitting the organic substances through thermal cracking and condensation reactions into gaseous, liquid and solid fractions is known as:

Ans

✘ 1. pulverization

✔ 2. pyrolysis

✘ 3. sanitary land filling

✘ 4. incineration

Question ID : **740048477**

Q.30 Which of the following statements regarding low rate trickling filters is INCORRECT?

Ans

✘ 1. Nuisance of psychoda fly is found in this type of filters.

✔ 2. Recirculation of sewage helps in reducing the ponding.

✘ 3. BOD removal efficiency is 75-80%.

✘ 4.
Purification of sewage is brought about by aerobic bacteria which forms a bacterial film around the particles.

Question ID : **740048450**

Q.31 When is a concrete said to be workable?

Ans

✘ 1. If its consistency is of a paste

✘ 2. If laitance is formed

✘ 3. If bleeding and segregation is present

✔ 4. If it can be easily mixed, placed and compacted

Question ID : **740048475**

Q.32 Which of the following statements regarding the drawbacks of Lacey's theory is INCORRECT?

Ans

✘ 1. Equations are derived based on single factor 'f'.

✘ 2. Silt charge and silt grade have not been defined.

✔ 3.
Regime conditions are only theoretical, they may be achieved with practice.

✘ 4. This equation is empirical.

Question ID : **740048471**

Q.33 Calculate the saturated unit weight for a soil composed of pure quartz, where specific gravity of soil solids (G) = 2.66 and void ratio = 0.7.

Ans

✘ 1. 47.085 kN/m^3

✘ 2. 193.8 kN/m^3

✔ 3. 19.38 kN/m^3
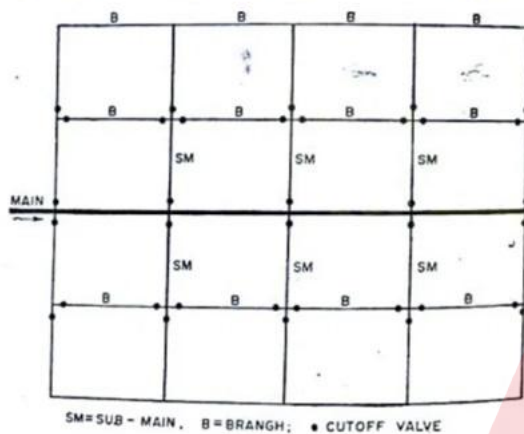
✘ 4. 1.938 kN/m^3

Question ID : **740048432**

Q.34 A Kaplan turbine is an example for:

Ans
- ✗ 1. Low specific speed turbine
- ✗ 2. Axial flow turbine
- ✓ 3. High specific speed turbine
- ✗ 4. Medium specific speed turbine

Question ID : **740048459**

Q.35 Identify the method of setting water distribution system layout shown in the given figure.

SM= SUB - MAIN, B = BRANGH; • CUTOFF VALVE

Ans
- ✓ 1. Grid iron system
- ✗ 2. Radial system
- ✗ 3. Dead end system
- ✗ 4. Ring system

Question ID : **740048478**

Q.36 Which of the following tests is NOT used to measure the workability of fresh concrete?

Ans
- ✗ 1. Compacting factor test
- ✗ 2. Flow test
- ✗ 3. Vee Bee consistency test
- ✓ 4. Le chatelier test

Question ID : **740048421**

Q.37 Calculate the specific weight of a liquid of weight 9 N and volume 1 litre.

Ans
- ✗ 1. 9000 kN/m^3
- ✗ 2. 900 N/m^3
- ✗ 3. 90 N/m^3
- ✔ 4. 9000 N/m^3

Question ID : **740048436**

Q.38 In plastic analysis, the shape factor depends on:

Ans
- ✗ 1. yield strength of material
- ✗ 2. load
- ✗ 3. moments
- ✔ 4. geometry

Question ID : **740048429**

Q.39 In flow through open channels, the water area is defined as:

Ans
- ✗ 1. cross-sectional area of flow parallel to the direction of flow
- ✗ 2. perimeter in contact with water at the section
- ✗ 3. vertical distance of the bed of the channel from the free surface of water at that section
- ✔ 4. cross-sectional area of flow perpendicular to the direction of flow

Question ID : **740048456**

Q.40 The minimum distance open to the vision of the driver of a vehicle intending to overtake a slow vehicle ahead with safety against the traffic in the opposite direction is called:

Ans
- ✗ 1. lag distance
- ✗ 2. stopping sight distance
- ✔ 3. safe passing sight distance
- ✗ 4. braking distance

Question ID : **740048463**

Q.41 The IS code for design and construction of raft foundation is:

Ans
- ✔ 1. IS 2950-1965
- ✗ 2. IS 800-2007
- ✗ 3. IS 456-1978
- ✗ 4. IS 1343-1980

Question ID : **740048434**

Q.42 A coarse grained soil has void ratio of 0.65 and G = 2.67. Calculate the critical gradient at which quicksand condition will occur.

Ans

✔ 1. 1.01

✘ 2. 16.1

✘ 3. 10.1

✘ 4. 1.61

Q.43 Select the correct option based on the data provided in the table.

Event Name	Predecessor Event
A	Initial Event
B	A
C	B
D	B
E	D
F	B, G, E
G	E
H	C, F
I	H

Ans

✔ 1. Event C is independent of event F

✘ 2. Event I is independent of event G

✘ 3. Event F is independent of event D

✘ 4. Event H is independent of event D

Q.44 Relative stability is defined as:

Ans

✘ 1.
the ratio of the total oxygen required to satisfy the first stage BOD demand to the amount of oxygen available in the effluent

✘ 2.
the sum of the amount of oxygen available in the effluent and the total oxygen required to satisfy the first stage

✔ 3.
the ratio of the amount of oxygen available in the effluent to the total oxygen required to satisfy the first stage BOD demand

✘ 4.
the product of the amount of oxygen available in the effluent and the total oxygen required to satisfy the first stage

Q.45 In deriving the equation for hydraulic jump in a rectangular channel in terms of the conjugate depths and the initial Froude number:

Ans
- ✗ 1. gradually varied flow equation is used
- ✔ 2. continuity equation and momentum equation are used
- ✗ 3. continuity equation and energy equation are used
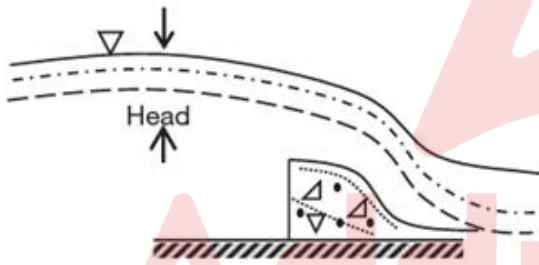- ✗ 4. equations of continuity, momentum and energy are used

Question ID : 740048458

Q.46 The piles that anchor down the structures subjected to uplift due to overturning moment are called:

Ans
- ✗ 1. fender piles
- ✗ 2. dolphins
- ✗ 3. anchor piles
- ✔ 4. tension piles

Question ID : 740048435

Q.47 Identify the type of spillway shown in the given figure.

Ans
- ✗ 1. Channel spillway
- ✗ 2. Straight drop spillway
- ✗ 3. Siphon spillway
- ✔ 4. Overflow spillway

Question ID : 740048470

Q.48 Head event always has a number:

Ans
- ✗ 1. lower than tail event
- ✔ 2. higher than tail event
- ✗ 3. not related to tail event
- ✗ 4. equal to tail event

Question ID : 740048423

Q.49 Which test is used to determine the hardness or softness of bitumen?

Ans
  ✗ 1. Ductility test

  ✗ 2. Flash and fire point test

  ✗ 3. Softening point test

  ✓ 4. Penetration test

Q.50 Which of the following advantages of Ferrocement is/are correct?

A) Reduction in weight consequent of thin section

B) Moulding can be done without any formwork.

Ans
  ✓ 1. Both A and B are correct

  ✗ 2. Only A is correct

  ✗ 3. Only B is correct

  ✗ 4. Both A and B are incorrect

Q.51 A water treatment plant of capacity 150000 m^3/day has filter boxes of dimensions 10 m × 10 m. The loading rate to the filters is 100 m^3/day/m^2. When five of the filters are out of service for back washing, the loading rate (in m^3/day/m^2) is:

Ans
  ✗ 1. 300

  ✗ 2. 100

  ✓ 3. 150

  ✗ 4. 200

Q.52 Rigidity factor is defined as:

Ans
  ✗ 1. ratio of tyre pressure to contact pressure

  ✗ 2. product of contact pressure and tyre pressure

  ✓ 3. ratio of contact pressure to tyre pressure

  ✗ 4. sum of contact pressure and tyre pressure

Q.53 Which of the following statements regarding the flexible pavement is INCORRECT?

Ans ✔ 1. Temperature changes induce heavy stresses.

✗ 2.
Reflects deformations of subgrade and subsequent layers on the surface.

✗ 3.
Consists of a series of layers with the highest quality at or near the surface.

✗ 4.
Stability depends upon aggregate interlock, particle friction and cohesion.

Question ID : **740048466**

Q.54 Which of the following statements regarding the effects of waterlogging is INCORRECT?

Ans ✗ 1.
It makes cultivation difficult as the water logged areas cannot be easily cultivated.

✗ 2. Causes anaerobic conditions near the roots of the plant.

✔ 3.
Increases the soil temperature which effects the activities of bacteria.

✗ 4. Causes growth of wild aquatic plants.

Question ID : **740048468**

Q.55 On roads with restricted width on single lane roads if two-way movement of traffic is permitted, then minimum stopping sight distance (SSD) is:

Ans ✗ 1. SSD

✔ 2. 2 SSD

✗ 3. 1.5 SSD

✗ 4. 4 SSD

Question ID : **740048462**

Q.56 _____ is the application of chlorine beyond the stage of break point. It is most commonly added at the end of filtration.

Ans ✔ 1. Super chlorination

✗ 2. Post chlorination

✗ 3. Pre-chlorination

✗ 4. Plain chlorination

Question ID : **740048453**

Q.57 Statements:

[A] the angle of deflection of jet through buckets is considered as 165° in case of Pelton wheel.

[B] The hydraulic efficiency of Pelton wheel is maximum when velocity of the wheel is half the velocity of the jet of water at inlet.

Ans

✗ 1.　A is correct and B is incorrect

✗ 2.　A and B both are incorrect

✗ 3.　A is incorrect and B is correct

✔ 4.　A and B both are correct

Q.58 For a sub-critical flow, Froude number is:

Ans

✔ 1.　less than 1

✗ 2.　equal to 1

✗ 3.　greater than 1

✗ 4.　zero

Q.59

Find the sum of the series $\frac{1}{1^2} + \frac{1}{3^2} + \frac{1}{5^2} + \dots$ using Fourier series

expansion of $f(x) = \begin{cases} x, & when & 0 \le x \le \pi \\ 2\pi - x, & when & \pi \le x \le 2\pi \end{cases}$

Ans

✗ 1.　$\dfrac{\pi^2}{4}$

✗ 2.　$\dfrac{\pi^2}{2}$

✔ 3.　$\dfrac{\pi^2}{8}$

✗ 4.　$\dfrac{\pi^2}{16}$

Q.60 An inert tracer is injected continuously from a point in an unsteady flow field. The locus of locations of all the tracer particles at an instance of time represents:

Ans ✗ 1. streamline

✗ 2. stream tube

✗ 3. path-line

✔ 4. streak-line

Q.61 Buttress walls are suitable to retain soil for heights _____.

Ans ✗ 1. 4 m and above

✗ 2. 5 m and above

✔ 3. 6 m and above

✗ 4. 3 m and above

Q.62 Secondary settling tank is also known as:

Ans ✗ 1. hopper bottom tank

✗ 2. clarifier

✗ 3. rapid settling tank

✔ 4. humus tank

Q.63 Which of the following statements regarding the limitation of bar chart is INCORRECT?

Ans ✗ 1. Lack of degree of details

✗ 2. Bar chart can be only used for simple and small projects.

✗ 3. No inter-dependency between the activity is shown.

✔ 4. It indicates critical and non-critical activities

Q.64 Match the following.

Part A	Part B
1. Grit chamber	I. Suspended growth
2. Sludge digestion	II. Attached growth
3. Activated sludge process	III. 30-60 seconds
4. Trickling filter	IV. 20-30 days

Ans
  ✗ 1. 1-II, 2-I, 3-IV, 4-III

  ✔ 2. 1-III, 2-IV, 3-I, 4-II

  ✗ 3. 1-I, 2-III, 3-IV, 4-II

  ✗ 4. 1-I, 2-II, 3-III, 4-IV

Q.65 In an irrigated plot, the net irrigation requirement of crop is found to be 14.9 cm, the application efficiency is 80% and the water conveyance efficiency is 60%. What is the gross irrigation requirement (GIR)?

Ans
  ✗ 1. 42 cm

  ✗ 2. 24 cm

  ✗ 3. 26 cm

  ✔ 4. 31 cm

Q.66 The triangular classification of soil is based on:

Ans
  ✗ 1. plasticity characteristics

  ✗ 2. grain size

  ✗ 3. composition

  ✔ 4. percentage of sand silt and clay

Q.67 Which of the following statements is correct about depth of foundation in retaining walls?

[A]: The depth of foundation is directly proportional to plan area A.

[B]: The depth of foundation is directly proportional to total load transmitted to the soil 'w'.

Ans ✗ 1. Both [A] and [B] are false

✗ 2. [A] is true and [B] is false

✗ 3. Both [A] and [B] are true

✔ 4. [A] is false and [B] is true

Question ID : 740048426

Q.68 Which of the following is an underground source of water?

Ans ✗ 1. Ponds

✔ 2. Springs

✗ 3. Rivers

✗ 4. Storage reservoirs

Question ID : 740048479

Q.69 Viscosity of water at 20°C is:

Ans ✗ 1. 0.01 centipoise

✗ 2. 1 poise

✔ 3. 0.01 poise

✗ 4. 98.1 poise

Question ID : 740048437

Q.70 _____ in CPM is analogous to slack in PERT.

Ans ✗ 1. Latest finish time

✔ 2. Float

✗ 3. Latest start time

✗ 4. Earliest start time

Question ID : 740048473

Q.71 At a water treatment plant 14 million litres of water is treated daily using alum dosage of 20 mg per litre. The total quantity of alum used daily is:

Ans
✗ 1. 200 kg

✗ 2. 320 kg

✗ 3. 400 kg

✔ 4. 280 kg

Q.72 The plastic collapse of a structure depends on:

Ans
✗ 1. geometry

✔ 2. redundancy

✗ 3. live load and dead load

✗ 4. moments

Q.73 The method of dumping solid waste in soil in waste disposal system is called:

Ans
✗ 1. incineration

✗ 2. degradation

✗ 3. shredding

✔ 4. landfilling

Q.74 Calculate the maximum pitch of the lateral ties in RCC column with 400 × 350 mm size and 22 mm diameter longitudinal reinforcement bars.

Ans
✗ 1. 400 mm

✗ 2. 350 mm

✔ 3. 300 mm

✗ 4. 352 mm

Q.75 A bus takes no less than 30 mins to reach a destination and sometimes as much as 53 min. 40 min time is the most frequent time to reach the destination. If this task of the bus is an activity in PERT project, then the expected time to reach the destination by bus is:

Ans
✗ 1. 1 h

✔ 2. 41 min

✗ 3. 30 min

✗ 4. 50 min

Q.76 A solvent which is used in slow curing cutback bitumen is:

Ans
- ✗ 1. kerosene
- ✓ 2. gas oil
- ✗ 3. light diesel
- ✗ 4. naphtha

Q.77 For a head of 120 m, a hydraulic turbine develops 1500 kW. The power developed by the turbine when the head is reduced to 15 m is:

Ans
- ✗ 1. 56.25 kW
- ✓ 2. 66.29 kW
- ✗ 3. 59.44 kW
- ✗ 4. 61.34 kW

Q.78 Calculate the intermediate sight distance at a speed of 85 km/h and t = 2.5 seconds, f = 0.36.

Ans
- ✗ 1. 102 m
- ✗ 2. 138 m
- ✗ 3. 150 m
- ✓ 4. 276 m

Q.79

Express the double integral $\int_{x=0}^{1} \int_{y=0}^{x^2} xy \, dy dx$ by changing the order of integration.

Ans
- ✗ 1. $\int_{y=0}^{1} \int_{x=0}^{\sqrt{y}} xy \, dx dy$

- ✗ 2. $\int_{y=0}^{1} \int_{x=0}^{y^2} xy \, dx dy$

- ✓ 3. $\int_{y=0}^{1} \int_{x=\sqrt{y}}^{1} xy \, dx dy$

- ✗ 4. $\int_{y=0}^{1} \int_{x=y}^{1} xy \, dx dy$

Q.80 For a long RCC column, the ratio of effective length to its least radius of gyration is:

Ans ✗ 1. less than 12

✗ 2. greater than 12

✗ 3. equal to 40

✓ 4. greater than 40

Question ID : **740048424**

Section : **Computer Knowledge**

Q.81 Which operating system's time interval to process and respond to inputs is very small?

Ans ✗ 1. Multiprocessing OS

✓ 2. Real Time OS

✗ 3. Distributed OS

✗ 4. Multitasking/Time Sharing OS

Question ID : **740048484**

Q.82 Which of the following network configurations has a dedicated point-to-point link to every other computer/station?

Ans ✓ 1. Mesh topology

✗ 2. Bus topology

✗ 3. Ring topology

✗ 4. Star topology

Question ID : **740048490**

Q.83 The _____ virus can affect both, the boot sector and the program files at the same time.

Ans ✗ 1. Polyboot B

✗ 2. Boot Sector

✗ 3. Macro

✓ 4. Multipartite

Question ID : **740048488**

Q.84 When a new MS-Excel file is created, how many worksheets by default does it open in a workbook in MS-Excel 2016?

Ans ✗ 1. Two

✓ 2. One

✗ 3. Three

✗ 4. Four

Question ID : **740048481**

Q.85 ENIAC computer was an example of _____ generation computers.

Ans
- ✗ 1. fourth
- ✗ 2. third
- ✔ 3. first
- ✗ 4. second

Question ID : **740048483**

Q.86 What is the keyboard shortcut to format a number in date format in MS-Excel 2010?

Ans
- ✔ 1. Ctrl + Shift + #
- ✗ 2. Ctrl + Shift + ^
- ✗ 3. Ctrl + Shift + @
- ✗ 4. Ctrl + Shift + %

Question ID : **740048482**

Q.87 Which of the following is NOT an example of volatile memory?

Ans
- ✗ 1. EEPROM
- ✗ 2. EPROM
- ✔ 3. DRAM
- ✗ 4. PROM

Question ID : **740048486**

Q.88 The first computer virus was called _____; it was written by Rich Skrenta.

Ans
- ✔ 1. Elk Cloner
- ✗ 2. Melissa A
- ✗ 3. Mr. Klunky
- ✗ 4. Danish Boot

Question ID : **740048487**

Q.89 In the OSI Layer model, the network layer is placed at layer number _____ from top.

Ans
- ✔ 1. 5
- ✗ 2. 3
- ✗ 3. 7
- ✗ 4. 4

Question ID : **740048489**

Q.90 Which of the following is NOT a function of an operating system?

Ans
✗ 1. Process management

✗ 2. Memory management

✓ 3. Time management

✗ 4. File management

Question ID : **740048485**

Section : **Gujarati Language & Grammar**

Q.91 સાહસથી બધું જ શક્ય છે' પ્રશ્નવિધાન બનાવો

Ans
✗ 1. સાહસ જ સિદ્ધિ આપાવે

✓ 2. સાહસથી શું શક્ય નથી?

✗ 3. સાહસ વિના સિદ્ધિ નથી

✗ 4. સાહસથી બધું જ શક્ય બને?

Question ID : **740048499**

Q.92 નીચેનામાંથી અશુદ્ધ વાક્ય શોધો.

Ans
✗ 1. રીટાએ રાતું ફૂલ લીધું.

✗ 2. મોટા ભાઈ આવ્યા અને મોટાં બહેન ગયાં.

✓ 3. શુદ્ધ ભેંસનું દૂધ પીવું જોઈએ.

✗ 4. મેં મગફળી અને ગોળ ખાધાં.

Question ID : **740048495**

Q.93 'કેશ – કેસ' નો સાચો શબ્દભેદ શોધો.

Ans
✗ 1. તેલ – રોકડ

✗ 2. મૂળ – તેજૂરી

✗ 3. મુકદમો – વાળ

✓ 4. વાળ - મુકદમો

Question ID : **740048493**

Q.94 સમાનાર્થી શબ્દોનું જૂથ પસંદ કરો.

Ans

✔ 1. આર્ત, પીડિત, દુ:ખી

✘ 2. પગ, આપગા, ચરણ

✘ 3. ભાષણ, પ્રવચન, પ્રસ્તાવના

✘ 4. નમૂનો ,બોધ, ઉદાહરણ

Q.95 'જંતુ – જતું' નો સાચો અર્થભેદ શોધો.

Ans

✘ 1. જીવ – આવક

✘ 2. જંતર – બધું

✘ 3. જાવક – આવક

✔ 4. જીવડું – જઈ રહેલું

Q.96 'જગ્યા ઘણી ગંદી છે' વિધાનને ઉદ્ગાર બનાવો.

Ans

✘ 1. જગ્યા ઘણી ગંદી છે

✘ 2. જગ્યા ઘણી ગંદી નથી

✔ 3. કેવી ગંદી જગ્યા!

✘ 4. જગ્યા ઓછી ગંદી છે

Q.97 રૂઢિપ્રયોગનો અર્થ આપો : 'અથાણું કરવું'

Ans

✘ 1. ફૂગ લાગવી

✔ 2. નકામો સંગ્રહ કરવો

✘ 3. આથો આવવો

✘ 4. બગડી જવું

Q.98 'એમાં તે શું કહેવાનું હોય? નકાર બનવો

Ans

✗ 1. એમાં તે આમ કહેવાનું હોય.

✗ 2. એમાં તે શું ન કહેવાનું હોય

✗ 3. એમાં તેમ કહેવાનું હોય

✓ 4. એમાં કઈ કહેવાનું ન હોય

Question ID : **740048498**

Q.99 નીચેનાંમાંથી અશુદ્ધ વિધાન શોધો

Ans

✓ 1. તે સજ્જન માણસ છે

✗ 2. આજે સારું લાગે છે

✗ 3. તમારો આભાર માનું છું

✗ 4. તમારી માટે માન છે

Question ID : **740048496**

Q.100 વિરુદ્ધાર્થી શબ્દો માટે કયુ અયોગ્ય છે?

Ans

✗ 1. ગાંડો - ડાહ્યો

✗ 2. પ્રધાન - ગૌણ

✗ 3. વિગ્રહ - સંધિ

✓ 4. સામાન્ય - સાધારણ

Question ID : **740048500**