GS & EA 15th December 2018 AN (2-4 PM)

- Consider the following statements regarding 'data structures': 1.
 - 1. In Hash table, access time is independent of the size n of the collection
 - In Search tree, elements are accessible in their natural 2. order

Which of the above statements is/are correct?

- 1 only (a)
- 2 only (b)
- Both 1 and 2 (c)
- (d) Neither 1 nor 2
- 2. Consider following statements reference the with to 'Open Market Operations' (OMO):
 - OMO makes the bank rate policy more effective 1.
 - OMO can be used to bear out seasonal shocks
 - OMO helps in stabilizing the prices of securities

Which of the above statements are correct?

- 1 and 2 only (a)
- 1, 2 and 3 1 and 3 only (b)
- (c)
- (d)

- Which of the following shells are found in the 'UNIX operating system'? 3.
 - 1. Bourne shell
 - C shell
 - 3. Korn shell
 - 4. Restricted shell

Select the correct answer using the codes given below:

- 1, 2 and 3 only (a)
- (b) 1, 2 and 4 only
- 1, 3 and 4 only (c)
- (d) 1, 2, 3 and 4
- A 'Brouter' combines the features of a: 4.
 - (a) Router and a Gateway
 - Bridge and a Gateway (b)
 - Router and a Bridge (c)
 - Bridge and a Repeater (d)
- Which Microsoft TCP / IP (Transfer Control Protocol) / (Internet Protocol) 5. can be used over the Internet to create a secure virtual network?
 - SLIP (Serial Line Internet Protocol) (a)
 - PPTP (Point-to-Point Tunneling Protocol) (b)
 - TCP (Transfer Control Protocol) (c)
 - (d) HTTP (Hyper Text Transfer Protocol)

- ' Mahila Udyog Nidhi' is a special scheme for promoting women 6. entrepreneurship and operated through:
 - Reserve Bank of India and State Bank of India (a)
 - State Financial Corporations and Scheduled Commercial Banks (b)
 - State Ministry of Women and Child Welfare (c)
 - (d) Central Ministry of Women and Child Welfare
- Which one of the following is **not** covered under the rules framed by 7. *'World Trade Organization' (WTO)?*
 - General Agreement on Tariffs and Trade (GATT) (a)
 - General Agreement on Trade in Services (GATS) (b)
 - General Agreement on International Collaboration (GAIC) (c)
 - Agreement on Trade-Related Aspects of Intellectual Property Rights (d) (TRIPS)
- 'Hutton Theory' explains the origin of 'Untouchability' due to: 8.
 - People doing certain dirty professions are excluded from mixing with (a) others
 - (b) Partly racial, partly religious and partly a matter of social customs
 - Idea of Purity and Impurity
 - People occupying dirty occupations are condemned, considered as d) dirty and untouchables ^{On}armaped

- 9. Which one of the following statements is correct regarding 'Sukanya Samriddhi Yojana' (SSY)?
 - (a) It is a Government of India backed saving Scheme targeted at the parents of girl children
 - (b) The Scheme was launched in January 2016 as a part of 'Beti Bachao, Beti Padhao' campaign
 - (c) Parents can open a minimum of two accounts for each of their children (exception allowed for twins and triplets)
 - (d) A girl can operate her account after she reaches the age of 20 years
- 10. Macroeconomics is also known as theory of:
 - (a) Income and Employment
 - (b) General Level Price and Inflation
 - (c) Economic Growth
 - (d) Distribution
- 11. In a race, A beats B by 40 metres and C by 62.5 metres. B beats C by 3 seconds. A takes 2 minutes to finish. Which one of the following statements is correct?
 - (a) C takes 2 minutes and 8 seconds to finish the race
 - (b) B beats C by 20 metres
 - (c) A beats B by 3 seconds
 - (d) B takes 2 minutes and 4 seconds to finish the race

- A manufacturer of TV sets produced 600 units in the 3rd year and 12. 700 units in the 7th year. Assuming that the production increases uniformly by a fixed number every year, production of TV units on 10th year will be:
 - (a) 725 units
 - 750 units (b)
 - 775 units (c)
 - 825 units (d)
- A dealer sells a toy for Rs. 24 and gains as much percent as the cost price of 13. the toy. The cost price of the toy will be:
 - Rs. 32 (a)
 - (b) Rs. 28
 - (c) Rs. 24
 - Rs. 20 (d)
- In a circle of radius 21 cm, an arc subtends an angle of 60° at the centre. 14. Then the area of the sector formed by the arc will be:

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- $231 cm^2$
- $233 cm^2$ (b)
- $235 cm^2$ (c)
- $237 cm^{2}$ (d)

A cube having 6 cm side is painted yellow on two opposite faces, blue on 15. two other faces and green on rest of the faces. It is then cut into 216 cubes of 1 cm side. The number of small cubes without any face painted will be:

- (a) 16
- (b) 24
- (c) 42
- 64 (d)

A path has to be laid around a rectangular $(20 m \times 10 m)$ building. 16. The area of the path is $136 m^2$. The width of the path will be:

- (a) 4 *m*
- 3 m(b)
- 2m(c)
- (d) 1 m

Prashant ranked 8th from the top and 38th from the bottom in a class. 17. The number of students in the class was:

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- 43
- (b) 44
- 45 (c)
- (d) 46

- By how many degrees the Earth rotates in one minute? 18.
 - 2° (a)
 - **4**° (b)
 - 6° (c)
 - 8° (d)
- In a town 65 % people read Hindustan Times (HT), 40 % people read 19. Economic Times (ET) and 25 % people read both (HT) and (ET). People neither read (HT) or (ET) will be:
 - 05 % (a)
 - (b) 10 %
 - 15 % (c)
 - 20 % (d)
- A shop keeper gives discount of 10 % on the marked price of a book, but in 20. the bargain makes a profit of 10 %. If the marked price of the book is Rs. 330, the cost price of the book is:

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- Rs. 220 (a)
- Rs. 270 (b)
- Rs. 320 (c)
- (d) Rs. 380

- 21. The rank of the matrix $A = \begin{bmatrix} 1 & 2 & 3 \\ 1 & 4 & 2 \\ 2 & 6 & 5 \end{bmatrix}$ is:
 - (a) 0
 - (b) 1
 - (c) 2
 - (d) 3
- 22. Maximum value of the function $f(x) = \sin x (1 + \cos x)$ is at a point x equal to:
 - (a) $\frac{\pi}{6}$
 - (b) $\frac{\pi}{4}$
 - (c) $\frac{\pi}{3}$
 - (d) $\frac{\pi}{2}$
- 23. The value of integral $\int_0^{\pi} \theta \sin^2 \theta \cos^4 \theta \ d\theta$ is equal to:
 - (a) $\frac{\pi^2}{16}$
 - (b) $\frac{\pi^2}{32}$
 - $(c) \qquad \frac{\pi^2}{42}$
 - (d) $\frac{\pi^2}{64}$

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- The expression $\frac{(\cos \theta + i \sin \theta)^8}{(\sin \theta + i \cos \theta)^4}$ is equal to: 24.
 - $\cos 12 \theta + i \sin 12 \theta$ (a)
 - $\cos 12 \theta i \sin 12 \theta$ (b)
 - $-\cos 12 \theta + i \sin 12 \theta$ (c)
 - (d) $-\cos 12 \theta - i \sin 12 \theta$

25. Consider the following data:

Age(years)	0-6	6-12	12-18	18-24	24-30	30-36	36-42
Frequency	6	11	25	35	18	12	6

The mode is:

- 22.44 (a)
- (b) 21.22
- 20.22 (c)
- 18.66 (d)

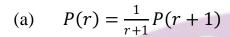
For the regression equations: 26.

$$x = 0.4 y + 6.4$$
 and $y = -0.6 x + 4.6$

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- 0.49 (a)
- 0.38 (b)
- 0.24 (c)
- 0.16 (d)

27. Recurrence formula for Poisson distribution is:



(b)
$$P(r+1) = \frac{m}{r+1}P(r)$$

(c)
$$P(r) = \frac{m}{r+1}P(r+1)$$

(d)
$$P(r+1) = \frac{1}{r+1}P(r)$$

28. The diameter of an electric cable is assumed to be continuous random variable with Probability density function:

$$f(x) = 6x(1-x), \qquad 0 \le x \le 1$$

Its mean will be:

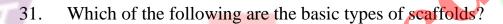
- (a) 0
- (b) 1
- (c) $\frac{1}{2}$
- (d) $\frac{1}{20}$
- 29. The mean for normal distribution is:
 - (a) 3
 - (b) 2
 - (c) 1
 - (d) 0

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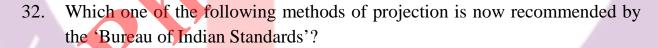
30. What is the type of the following partial differential equation?

$$x^{2} \frac{\partial^{2} u}{\partial y^{2}} + 2 xy \frac{\partial^{2} u}{\partial x \partial y} + y^{2} \frac{\partial^{2} u}{\partial x^{2}} = 0$$

- (a) Hyperbolic
- (b) Parabolic
- (c) Elliptic
- (d) Circular



- (a) Double scaffold, Steel scaffold and Tower scaffold
- (b) Tower scaffold, Cantilever scaffold and Patented scaffold
- (c) Tower scaffold, Cantilever scaffold and Mechanical Aid
- (d) Double scaffold, Steel scaffold and Mechanical Aid



- (a) First-angle projection method
- (b) Second-angle projection method
- (c) Third-angle projection method
- (d) Fourth-angle projection method

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- 33. Which one of the following is the correct instruction regarding preliminary evacuation?
 - Review evacuation instructions posted in hallways (a)
 - Review exit locations and emergency travel routes (b)
 - (c) Outline fire emergency response procedures
 - Instruct employees not to reenter the building until the 'all clear' (d) signal is given by a designated individual
- Consider the following statements with reference to Traces: 34.
 - When a plane is perpendicular to reference plane, its 1. projections on that plane is a straight line
 - When the plane is parallel to reference plane, its 2. projections on that plane shows its true shape and size

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Which of the above statements is/are correct?

- (a) 1 only
- 2 only (b)
- (c) Both 1 and 2
- Neither 1 nor 2 (d)
- 35. Imagine a cuboid is placed in front of a vertical plane on the H.P. The method of projections in which the visual rays (edges) make an angle of 60° with the plane of projection is known as:
 - Isometric projections (a)
 - (b) Orthographic projections
 - Oblique projections (c)
 - Perspective projections (d)

- 36. Which one of the following systems is recommended for the general rules of dimensioning?
 - Unidirectional system (a)
 - Bidirectional system (b)
 - Aligned system (c)
 - Both unidirectional system and aligned system (d)
- 37. A sectional plane is perpendicular to both the reference planes, the true shape of the section will be shown on the:
 - Sectional top view (a)
 - Sectional front view (b)
 - Sectional side view (c)
 - Auxiliary side view (d)
- 38. Consider the following statements regarding CAD:
 - CAD increases the accuracy and productivity of designer 1.
 - CAD improves the quality of drawings produced
 - In CAD, the transfer of drawings is cheaper
 - CAD requires more storage space

Which of the above statements are correct?

- 1,2 and 4 only
- 1, 2 and 3 only
- (c)
- (d)

- 39. When the section plane is inclined to the axis and is parallel to one of the generators, the section is known as:
 - Ellipse (a)
 - Parabola (b)
 - Hyperbola (c)
 - **Epicycloid** (d)
- A diagonal scale of $RF = \frac{1}{250}$ is constructed to read upto 1 km and to read 40. meters on it. The length of the scale is:
 - (a) 8 *cm*
 - 40 cm (b)
 - 80 cm (c)
 - (d) 400 cm
- In which one of the following stages of the process of quality improvement, 41. the employees are convinced to focus the efforts and costs on producing very little non-conformities?
 - Introduction stage
 - Consolidation stage (b)
 - Commitment stage (c)
 - (d) Maturity stage

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- A leader in *TQM* focus on: 42.
 - Quest for excellence 1.
 - 2. Creating the right attitudes
 - Controls to make prevention of defects possible 3.
 - 4. Optimize customer satisfaction

Which of the above statements are correct?

- 1, 2 and 3 only (a)
- (b) 1, 2 and 4 only
- (c) 3 and 4 only
- 1, 2, 3 and 4 (d)
- TQM application of scientific principles and artistic skills is to improve 43. which areas of the organization?
 - Product supplies to an organization 1.
 - Service supplies to an organization
 - All the processes within an organization

Which of the above statements are correct?

- (a) 1, 2 and 3
- (b) 1 and 2 only
- 1 and 3 only (c)
- 2 and 3 only (d)

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- 44. A vendor goes through several levels of acceptance before being indentified as a long term partner:
 - Preferred vendors 1.
 - Approved vendors
 - 3. Certified vendors

What is the correct sequence of order of levels?

- (a) 1, 2 and 3
- 2, 3 and 1 (b)
- 1, 3 and 2 (c)
- 2, 1 and 3 (d)
- In which of the following categories the Total Customer Satisfaction 45. (TCS) teams are awarded the points?
 - Remedies 1.
 - Brand extension
 - Analysis Techniques 3.
 - Training

Select the correct answer using the codes given below:

- 1 and 4 only 2 and 3 only (a)
- (b)
- (c)
- (d)

- 46. Consider the following statements regarding Deming's principles of vendor selection:
 - 1. The gap between vendor and buyer must be closed to choose methods and material that improve customer satisfaction
 - In selecting a vendor, the procurement cost should be taken into 2. account
 - 3. A company buys not only vendors products but also its process

Which of the above statements are correct?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- 1, 2 and 3 (d)
- Which of the following are the disadvantages to the organization moving 47. towards multiple-supplier items?
 - A price-dependent relationship develops in between buyer and 1. vendor
 - 2. There is increased variability in incoming quality even if individual vendor's processes are stable
 - A long term relationship with a quality conscious vendor is developed
 - Vendors have no motivation to change their process to meet the buyer's specifications

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Select the correct answer using the codes given below:

- (a) 1, 2 and 4 only
- 1, 2 and 3 only (b)
- (c) 1, 3 and 4 only
- 1, 2, 3 and 4 (d)

- 48. Consider the following stages of maturity in Crosby's quality management grid:
 - Awakening 1.
 - Enlightenment
 - Wisdom 3.
 - 4. Uncertainty
 - 5. Certainty

What is the correct sequence of order of stages?

- 5, 3, 2, 1 and 4 (a)
- 4, 3, 2, 1 and 5 (b)
- (c) 5, 1, 2, 3 and 4
- (d) 4, 1, 2, 3 and 5
- Consider the following various functions of a quality systems audit based on 49. standards specified in ISO 9001:
 - Design 1.
 - Staffing
 - Management
 - Inspection
 - 5. Marketing

Which of the above functions are correct? armapedia.co1

- (a) 1, 3, 4 and 5 only
- (b) 1, 2, 4 and 5 only
- 2, 3 and 5 only (c)
- 1, 2, 3 and 4 only (d)

- Which of the following factors affect the 'Quality of Conformance'? 50.
 - 1. Site construction methods
 - 2. Technical specifications
 - Supervision and control 3.
 - 4. Inspection

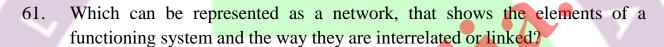
Select the correct answer using the codes given below:

- 1, 2 and 3 only (a)
- (b) 1, 2 and 4 only
- 1, 3 and 4 only (c)
- (d) 2, 3 and 4 only
- For a steady state system, the law of conservation of mass states that: 51.
 - Input rate output rate = Decay rate (a)
 - Input rate + output rate = Decay rate (b)
 - Input rate output rate = 0 (c)
 - Input rate + output rate = 0 (d)
- A critical point in a river occurs where: 52.
 - The withdrawal rate of dissolved oxygen is faster than the reaeration (a) rate
 - The withdrawal rate of dissolved oxygen is slower than the reaeration (b) rate
 - The withdrawal and reaeration rates are equal (c)
 - The dissolved oxygen reaches a minimum at a particular location and (d) time

- The air quality for nitrogen dioxide (NO_2) in Delhi is 470 $\mu g/m^3$ at 25°C 53. and 1 atm of pressure. The concentration of (NO_2) will be:
 - (a) 0.18 ppm
 - 0.20 ppm(b)
 - 0.22 ppm(c)
 - (d) 0.25 ppm
- The ozone which resides in: 54.
 - Stratosphere protect life by absorbing long-wave length ultraviolet (a) radiations
 - Atmosphere protect life by absorbing short-wave length ultraviolet (b) radiations
 - Atmosphere protect life by absorbing long-wave length ultraviolet (c) radiations
 - Stratosphere protect life by absorbing short-wave length ultraviolet (d) radiations
- The permissible limit of fluoride in drinking water as per ISI standard 55. (IS: 10500-2003) is:
 - 2.0 ppm (a)
 - (b)
 - (c)
 - 0.5 *ppm* (d)

- 56. EL-Nino phenomenon occurs due to a major shift in the atmospheric pressure as the reversal of trade winds direction over the central equatorial pacific ocean that leads to the spread of warm water towards:
 - North (a)
 - South (b)
 - (c) East
 - (d) West
- The complex level of biodiversity is: 57.
 - Species biodiversity (a)
 - Ecosystem biodiversity (b)
 - Genetic biodiversity (c)
 - Genus biodiversity (d)
- The substance which is primarily responsible for raising pH of rainwater is: 58.
 - Carbon dioxide (a)
 - Sulphur dioxide (b)
 - Ammonia (c)
 - Carbon monoxide (d)
- 59. The main constituents of photochemical smog are:
 - Sulphur dioxide, Nitrogen dioxide and Nitric oxide
 - (b) Nitrogen dioxide, Ozone and Nitric oxide
 - Sulphur dioxide, Ozone and Hydroflurocarbons (c)
 - (d) Nitrogen dioxide, Ozone and Hydroflurocarbons

- 60. Due to heavy traffic in the morning, the concentration of:
 - NO is more than NO_2 (a)
 - NO_2 is more than NO(b)
 - NO and NO_2 are almost identical (c)
 - SO_2 is more than NO_2 (d)



- 1. System structure
- Subsystem structure 2.
- 1 only (a)
- (b) 2 only
- Both 1 and 2 (c)
- (d) Neither 1 nor 2
- Which one of the following ratios are computed on the basis of projected 62. figures of current assets and current liabilities?
 - Liquidity ratios (a)
 - Debt-equity ratios (b)
 - Oharmapedia.com (c) Stock turnover ratios
 - Profitability ratios (d)

- In the method of evaluation of the project profitability, the ratio of original 63. investment to annual income is said to be:
 - Return on Investment (ROI) (a)
 - Pay Back Period (PBP) (b)
 - Net Present Value (NPV) (c)
 - Initial Rate of Return (IRR) (d)
- Reconciliation report is a form of: 64.
 - Inventory report (a)
 - Capacity utilization report (b)
 - Financial report (c)
 - Sales report (d)
- 65. Generally in Disaster project:
 - Capital cost is high and project time is low (a)
 - Capital cost is low and project time is low (b)
 - Capital cost is high and project time is high (c)
 - Capital cost is low and project time is high (d)
- 66. What is *PEP* in Project Management? apedia.com
 - (a) Project Evaluation Plan
 - (b) Project Execution Plan
 - Project Exercise Plan (c)
 - Performance Evaluation Plan (d)

- The economic interpretation of the rate of return on the unrecovered 67. investment balance in the project is:
 - Internal Rate of Return (IRR) (a)
 - External Rate of Return (ERR) (b)
 - (c) Minimum Acceptable Rate of Return (MARR)
 - Rate of Interest (ROI) (d)
- The analysis to know what will happen to the viability of the project when 68. some variable like sales or investment deviates from the expected value?
 - (a) Break-Even - Analysis
 - (b) Case Analysis
 - Scenario Analysis (c)
 - (d) Sensitivity Analysis
- 3 'R's of contracting are: 69.
 - Responsibility, Reimbursement and Risk (a)
 - Responsibility, Right and Risk (b)
 - Reimbursement, Right and Risk (c)
 - Reimbursement, Responsibility and Right (d)
- 70. The expression which is used to represent the variance between the original sanctioned cost and the final cost incurred is:

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- (a) Cost turn over
- (b) Cost overrun
- (c) Capital cost
- **Project Sickness** (d)

- 71. In tensile stress, the engineering stress corresponding to the maximum load is termed as:
 - Upper yield stress (a)
 - Lower yield stress (b)
 - Yield strength (c)
 - Tensile strength (d)
- Ductile-Brittle transition temperature for steel depends on 72.
 - Strain rate (a)
 - (b) Tensile strength
 - (c) Grain size
 - (d) Shear modulus
- The property of materials that resist penetration or indentation by means of 73. abrasion or scratching is known as:
 - Strength (a)
 - **Toughness** (b)
 - Hardness (c)
 - **Brittleness** (d)
- The crime that is committed by either commission or omission is: 74.
 - Employee crime (a)
 - White collar crime (b)
 - Embezzlement and fraud (c)
 - (d) Trade secrets

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- 75. An equillibrium defect in which Frenkel and Schottky defects are likely to form:
 - Vacancies (a)
 - Dislocations (b)
 - Stacking faults (c)
 - (d) Grain boundaries
- Which one of the following Crystal Systems is having an Interaxial Angles 76. of $\alpha = \gamma = 90^{\circ} \neq \beta$?
 - Hexagonal (a)
 - Tetragonal (b)
 - Rhombohedral (c)
 - Monoclinic (d)
- Consider the following data regarding BCC iron for the (220) set of planes: 77.

$$a = 0.2866 \, nm$$
 (Lattice parameter for Fe)

$$h = 2$$

$$k = 2$$

$$l = 0$$

The interplanar spacing will be: harmapedia.com

- $0.3239 \, nm$ (a)
- $0.2126 \, nm$ (b)
- $0.1013 \ nm$ (c)
- $0.0866 \, nm$ (d)

- For a binary system, when 3 phases are present, the number of degrees of 78. freedom will be:
 - 0 (a)
 - (b) 1
 - 2 (c)
 - (d) 3
- A 305 mm long copper piece is pulled in tension with a stress of 276 MPa 79. and with its modulus of elasticity E of 110 GPa. If the deformation is entirely elastic, the resultant elongation will be:
 - $0.45 \, mm$ (a)
 - 0.57 mm(b)
 - $0.65 \, mm$ (c)
 - 0.77 mm(d)
- Which one of the following factors affects the selection of materials 80. regarding 'thermal conductivity'?
 - Manufacturing process (a)
 - armapedia.com (b) Functional requirement
 - Cost consideration (c)
 - (d) Operating parameter

- 81. The art of breaking of ciphers is called:
 - Cryptanalysis (a)
 - Cryptography (b)
 - Cryptology (c)
 - Cipherology (d)
- A digital signature is a mathematical technique used to check: 82.
 - The authenticity, integrity and nonrepudiation of a message (a)
 - (b) The clarity of the messages
 - The attacks from the viruses (c)
 - (d) The handwritten signatures
- Which one of the following is a keyword in Java? 83.
 - (a) True
 - Static (b)
 - False (c)
 - (d) Null
- napedia.com Which of the following are the integer types of Java? 84.
 - (a) char, int, short, byte
 - int, short, char, long (b)
 - byte, int, char, long (c)
 - int, short, byte, long (d)

- 85. Which one of the following is more efficient multiway branch approach in Java?
 - switch (a)
 - if (b)
 - else if (c)
 - if-else-if (d)
- A technology which uses the hiding of the information in a picture is called: 86.
 - Steganography (a)
 - **Image Rendering** (b)
 - (c) **Bitmapping**
 - (d) Root kits
- The presentation quality and the size of image storage depend on: 87.
 - Resolution and color depth (a)
 - Color pallets (b)
 - Color models (c)
 - Color combinations (d)
- The server Replication is a technique for improving the performance of 88. server side is called:
 - Caching
 - (b)
 - Flash crowds Proxy (c)
 - (d)

- 89. Which one of the following is *not* belonging to the string class in Java?
 - (a) boolean equals (*str*)
 - int indexOf (str) (b)
 - int void () (c)
 - char charAt(*index*) (d)
- 90. Methods declared as 'static' have following restrictions:
 - They can directly call only other 'static' methods 1.
 - They can directly access only 'static' data 2.
 - They do not have a 'this' reference 3.

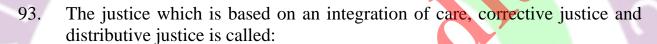
Which of the above are correct?

- 1 and 2 only (a)
- 1 and 3 only (b)
- 2 and 3 only (c)
- 1, 2 and 3 (d)
- 91. 'It is better for a city to be governed by a good man than by good laws'. Who said this?

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- Plato
- Aristotle (b)
- (c) Socrates
- Karl Marx (d)

- 92. An exoteric care about a tribe is called:
 - Marginal care (a)
 - (b) Communitarian care
 - Peripheral care (c)
 - Respite care (d)



- Distributive justice (a)
- (b) Institutional justice
- Retributive justice (c)
- Corrective justice (d)



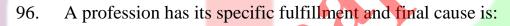
- Ethical scale of reward and punishment (a)
- Measurement of scale of reward and punishment (b)
- (c) Likert scale of reward and punishment
- ..வு and punishment Normal scale of reward and punishment (d)

95. Consider the following:

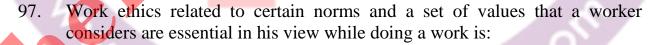
- Competitive negotiation 1.
- Principled negotiation 2.
- Avoidance 3.
- Collective bargaining 4.

Which of the above are the basic styles of conflict management?

- (a) 1, 2 and 4 only
- 1, 3 and 4 only (b)
- 2, 3 and 4 only (c)
- 1, 2 and 3 only (d)



- Logos (a)
- **Telos** (b)
- Mamos (c)
- (d) **Ethos**



- Organizational culture (a) armapedia
- National culture (b)
- Work culture (c)
- Political culture (d)

- Which one of the following serves as the formal basis for investigating 98. unethical conduct?
 - (a) Support codes
 - Deterrence and discipline codes (b)
 - Inspiration and guidance (c)
 - Education and mutual understanding (d)
- 99. Consider the following statements regarding Engineering Ethics deals with:
 - The moral issues and decisions confronting individual 1. and organizations engaged in engineering
 - 2. Ethics deals with conduct and not with motives
 - Related questions about the moral ideals, character, 3. policies and relationships of people and corporations involved in technological activities

Which of the above statements are correct?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- 1, 2 and 3 (d)
- 100. Prearranged payments made by contractors to companies or their representatives if they exceed the amount for contracts actually granted are:
 - Extortion (a)
 - Substantial

 Kickbacks (b)
 - (c)
 - (d)

Recuritment to 23 posts of Doug Inspector (Medical Device) in Central Drugs Stundard Control Organisation (CDSCO)

Dio Health & Family welfare

NIO Health & Family Welfare.

2018 RT	General Studies & Engineering Aptitude
2 - 4 PM	Saturday 15th Dec 2018 RT

Max Marks:300

Items for Scoring:100

Items	Drop	ped:	Nil
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1	C	16	C	31	C	46	В	61	A	76	D	91	В
2	D	17	C	32	A	47	A	62	A	77	C	92	В
' 3	D	18	В	33	В	48	D	63	В	78	A	93	В
4	C	19	D	34	C	49	A	64	C	79	D	94	A
5	В	20	В	35	C	50	C	65	A	80	В	95	D
6	В	21	C	36	C	51	C	66	В	81	A	96	В
7	C	122	C	37	C	52	D	67.	A	82	A	97	C
8	В	23	В	38	D	53	D	68	D	83	В	98	В
9	A	24	A	39	B	54	D	69	A	84	D	99	В
10	A	25	C	40	D	55	В	70	В	85	A	100	D
11	A	26	C	41	D	56	C	71	D	86	A		
12	C	27	В	42	D	57	В	72	C	87	A		
13	D	28	C	43	A	58	C	73	C	88	В		
44	A	29	D	44	D	59	В	74	C	89	C		
15	D	30	В	45	C	60	A	75	A	90	D		