Exam Name : AEGCL_Assistant Manager_Mechanical

Total Questions : 100

Description :

Q.1	If compressive yield stress and tensile yield stress are equivalent, then region of safety from maximum principal stress theory is of which shape?

Marks 1

Question ID: 1406

No	Options Details	Correct Option
1	Rectangle	
2	Square	✔
3	Circle	
4	Ellipse	

Q.2 Maximum strain energy stored in a body upto the elastic limit is called

Marks   1

Question ID: 1407

No	Options Details	Correct Option
1	Proof resilience	✔
2	Modulus of resilience	
3	Impact toughness	
4	Endurance strength	

Q.3 .

The Equation of Goodman line is given by

(A) $\dfrac{\sigma_m}{\sigma_{ult}} + \dfrac{\sigma_a}{\sigma_e} = 1$

(B) $\dfrac{\sigma_m}{\sigma_y} + \dfrac{\sigma_a}{\sigma_e} = 1$

(C) $\dfrac{\sigma_e}{\sigma_{ult}} + \dfrac{\sigma_m}{\sigma_e} = 1$

(D) $\dfrac{\sigma_m}{\sigma_{ult}} + \dfrac{\sigma_a}{\sigma_y} = 1$

Marks   1

Question ID: 1408

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.4

The angle of twist of shaft is (Where "d" is the shaft diameter)

(A) Directly proportional to $(d)^2$ (B) Directly proportional

(C) Inversely proportional to $(d)^2$ (D) Inversely proportional

Marks   1

Question ID: 1409

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✔

Q.5

Two identical ball bearings P and Q are operating at loads 30 kN and 70 kN respectively. The ratio of the life of bearing P to the life of bearing Q is

Marks   1

Question ID: 1410

No	Options Details	Correct Option
1	7/3	
2	3/7	
3	34/27	
4	343/27	✔

Q.6

The helix angle is very small about 2°. The spring is

Marks   1

Question ID: 1411

No	Options Details	Correct Option
1	Open coiled spring	
2	Closed coiled spring	✔
3	That small angle isn't possible	
4	Open coiled with square cross section wire	

Q.7

An oil cooler in a high performance engine has an outside su
150000 mm² and a surface temperature of 50 degree Celsius. At any in
time air moves over the surface of the cooler at a temperature of
Celsius and gives rise to a surface coefficient equal to 50 W/ m² K. F
heat transfer rate?

(A) 75 W

(B) 75×10^6 W

(C) 75×10^4 W

(D) Zero W

Marks   1

Question ID: 1412

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.8

Grash of number signifies the ratio of

Marks   1

Question ID: 1413

No	Options Details	Correct Option
1	inertial force to surface tension force	
2	inertia force to viscous force	
3	buoyancy force to viscous force	✔
4	buoyancy force to inertia force	

Q.9

In shell and tube heat exchanger, baffles are mainly used to

Marks   1

Question ID: 1414

No	Options Details	Correct Option
1	increase the mixing of fluid	
2	increase the heat transfer area	
3	deflect the flow in desired direction	✔
4	reduce fouling of the tube surface	

Q.10 .

For the same temperature difference, the rate of heat transfer throug cylinder of inner and outer radii r_1 and r_2 respectively, increases a (r_2 / r_1)

(A) Increases

(B) Decreases

(C) Constant

(D) None of the mentioned

Marks 1

Question ID: 1415

No	Options Details	Correct Option
1	A	
2	B	✔
3	C	
4	D	

Q.11 Critical radius of a hollow cylinder is defined as

Marks 1

Question ID: 1416

No	Options Details	Correct Option
1	Inner radius which would give maximum heat flow	
2	Outer radius which would give minimum heat flow	
3	Outer radius which would give maximum heat flow	✔
4	No heat exchange	

Q.12 A cycle consisting of one constant pressure, one constant volume and two isentropic processes is known as

Marks 1

Question ID: 1417

No	Options Details	Correct Option
1	Carnot cycle	
2	Stirling cycle	
3	Otto cycle	
4	Diesel cycle	✔

Q.13   A heat engine receives heat at the rate 3600 KJ/min and gives an output of 12 kW. Its thermal efficiency is

Marks   1

Question ID: 1418

No	Options Details	Correct Option
1	20%	✔
2	25%	
3	30%	
4	35%	

Q.14   Kinetic theory of gases assumes that the collisions between the molecules are

Marks   1

Question ID: 1419

No	Options Details	Correct Option
1	Perfectly elastic	✔
2	Perfectly inelastic	
3	Partly elastic	
4	Partly elastic and inelastic	

Q.15   .

The value of the product of molecular weight and the gas characteristi
for all the gases in M.K.S. unit is

(A) 8314 kgfm/mol°K   (B) 735 kgfm/mol°K

(C) 427 kgfm/mol°K   (D) 848 kgfm/mol°K

Marks   1

Question ID: 1420

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✔

Q.16   The cycle in which heat is supplied at constant volume and rejected at constant pressure is known as

Marks   1

Question ID: 1421

No	Options Details	Correct Option
1	Dual combustion cycle	
2	Rankine cycle	
3	Atkinson cycle	✓
4	Stirling cycle	

Q.17   .

The humidity ratio in terms of specific volume of dry air (v_a) and speci of water vapour (v_s) is given by

(A) v_s/v_a

(B) $v_s/(v_s + v_a)$

(C) v_a/v_s

(D) $v_a/(v_s + v_a)$

Marks   1

Question ID: 1422

No	Options Details	Correct Option
1	A	
2	B	
3	C	✓
4	D	

Q.18   A gas follows the law pVn = C. if the value of n = 1, the process is known as

Marks   1

Question ID: 1423

No	Options Details	Correct Option
1	Adiabatic	
2	Isothermal	✓
3	Isentropic	
4	Polytrophic	

Q.19 In sensible cooling of air, the relative humidity

Marks 1

Question ID: 1424

No	Options Details	Correct Option
1	is constant	
2	decreases	
3	increases	✔
4	first increases and then decreases	

Q.20 Yield point in fatigue loading as compared to static loading is

Marks 1

Question ID: 1425

No	Options Details	Correct Option
1	Higher	
2	Lower	✔
3	Same	
4	Increases	

Q.21 .

The bevel factor in terms of cone distance (L) and face width (b) of a be[vel...] given by

(A) L/b 　　　　　　　　(B) $(L-b)/L$

(C) $(L-b)/b$ 　　　　　　(D) b/L

Marks 1

Question ID: 1426

No	Options Details	Correct Option
1	A	
2	B	✔
3	C	
4	D	

Q.22

The behavior of metals in which strength of a metal is increased and the ductility is decreased on heating at a relatively low temperature after cold working is known as

Marks 1

Question ID: 1427

No	Options Details	Correct Option
1	Clustering	
2	Solid Solution Hardening	
3	Strain Aging	✔
4	Screw Dislocation	

Q.23

Eutectic product in Fe-C system is called

Marks 1

Question ID: 1428

No	Options Details	Correct Option
1	Pearlite	
2	Bainite	
3	Ledeburite	✔
4	Spheroidite	

Q.24

The stress-strain curve for mild steel is straight line up to

Marks 1

Question ID: 1429

No	Options Details	Correct Option
1	Yield point	
2	Proportional limit	✔
3	Elastic limit	
4	Ultimate Point	

Q.25 A solid cylinder of diameter 100 mm and height 50 mm is forged between two frictionless flat dies to a height of 25 mm. The percentage change in diameter is

Marks 1

Question ID: 1430

No	Options Details	Correct Option
1	0%	
2	2.07%	
3	20.70%	
4	41.40%	✔

Q.26 In centrifugal castings, the cores are generally made of

Marks 1

Question ID: 1431

No	Options Details	Correct Option
1	Green sand molasses	
2	Wax	
3	Plaster of Paris	✔
4	Cores are not used	

Q.27 Keeping all other parameters unchanged, the tool wear in electrical discharge machining (EDM) would be less if the tool material has

Marks 1

Question ID: 1432

No	Options Details	Correct Option
1	High thermal conductivity and high specific heat	✔
2	High thermal conductivity and low specific heat	
3	Low thermal conductivity and low specific heat	
4	Low thermal conductivity and high specific heat	

Q.28 Which of the following statement is wrong?

Marks 1

Question ID: 1433

No	Options Details	Correct Option
1	The diamond is the hardest tool material and can run at cutting speeds about 50 times that of high-speed steel tool	
2	The ceramic tools can be used at cutting speeds 40 times that of high-speed steel tools	
3	The cemented carbide tools can be used at cutting speeds 10 times that of high-speed steel tools	
4	The ceramic tools can withstand temperature up to 600°C only	✔

Q.29 In which of the following operation jigs are preferred over fixture?

Marks 1

Question ID: 1434

No	Options Details	Correct Option
1	Drilling	✔
2	Turning	
3	Milling	
4	Grinding	

Q.30 Which of the following instruments is used to measure base pitch of a gear in base tangent method?

Marks 1

Question ID: 1435

No	Options Details	Correct Option
1	Gear tooth vernier caliper	
2	David Brown tangent caliper	
3	David Brown tangent comparator	✔
4	David Brown tangent micrometer	

Q.31 Parasitic error is caused due to

Marks 1

Question ID: 1436

No	Options Details	Correct Option
1	Improper use of measuring instrument	
2	Wrong design of instrument	
3	Errors in computation	✓
4	Deflection of stylus	

Q.32 In a CNC program block, N002 GO2 G91 X40 Z40......, GO2 and G91 refer to

Marks 1

Question ID: 1437

No	Options Details	Correct Option
1	Circular interpolation in counter clockwise direction and incremental dimension	
2	Circular interpolation in counter clockwise direction and absolute dimension	
3	Circular interpolation in clockwise direction and incremental dimension	✓
4	Circular interpolation in clockwise direction and absolute dimension	

Q.33 .

In 2D-translation, a point (x, y) can move to the new position (x', y') by equation

(A) $X' = x + dx$ and $y' = y + dx$

(B) $X' = x + dx$ and $y' = y +$

(C) $X' = x + dy$ and $Y' = y + dx$

(D) $X' = x - dx$ and $y' = y - $

Marks 1

Question ID: 1438

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.34 Which of the statements is/are true regarding the flexible manufacturing cell (FMC)?

Marks 1

Question ID: 1439

No	Options Details	Correct Option
1	(A) Does not have a computer-controlled materials handling system	
2	(B) Employs workers as substitutes for scaled-down FMS operations	
3	(C) Scaled-down version of an FMS	
4	(D) Both (A) and (C)	✔

Q.35 ———— is the process of multiplying the requirements by the usage quantity and recording the appropriate requirements throughout the product tree.

Marks 1

Question ID: 1440

No	Options Details	Correct Option
1	Offsetting	
2	Exploding	✔
3	Planning orders	
4	Lead time	

Q.36 Delphi method is used for

Marks 1

Question ID: 1441

No	Options Details	Correct Option
1	Judgemental forecast	✔
2	Time series forecast	
3	Associative model	
4	Time horizon model	

Q.37 .

Four jobs to be processed on a machine as per data listed in the table

Job	1	2	3	4
Processing Time (In days)	4	7	2	8
Due Date	6	9	19	17

If the Earliest due date (EDD) rule is used to sequence the jobs, the jobs delayed is

(A) 1

(B) 2

(C) 3

(D) 4

Marks   1

Question ID: 1442

No	Options Details	Correct Option
1	A	
2	B	
3	C	✔
4	D	

Q.38 Reeves Company is taking a physical inventory on March 31, the last day of its fiscal year. Which of the following must be included in this inventory count?

Marks   1

Question ID: 1443

No	Options Details	Correct Option
1	Goods in transit to Reeves, FOB destination	
2	Goods that Reeves is holding on consignment for Parker Company	
3	Goods in transit that Reeves has sold to Smith Company, FOB shipping point	
4	Goods that Reeves is holding in inventory on March 31 for which the related Accounts Payable is 15 days past due	✔

		Q.39

Q.39

The maximum level of inventory of an item 100 and it is achieved with infinite replenishment rate. The inventory becomes zero over one and half month due to consumption at a uniform rate. This cycle continues throughout the year. Ordering cost Rs. 100 per order and inventory carrying cost is Rs. 10 per item per month. Annual cost (in Rs.) of the plan, neglecting material cost, is

Marks 1

Question ID:
1444

No	Options Details	Correct Option
1	800	
2	2800	
3	4800	
4	6800	✔

Q.40

In simplex method, the feasible basic solution must satisfy the

Marks 1

Question ID:
1445

No	Options Details	Correct Option
1	Non-negativity constraint	✔
2	Negativity constraint	
3	Basic constraint	
4	Common constraint	

Q.41

.

Crashing a project in terms of its duration would result in

1. An increase in the indirect cost
2. A decrease in the indirect cost
3. A decrease in the direct cost
4. An increase in the direct cost

Of these statements which are correct?

(A) 1 and 4 are correct   (B) 2 and 3 are correct

(C) 1 and 3 are correct   (D) 2 and 4 are correct

| Marks | 1 | | Question ID: 1446 |

No	Options Details		Correct Option
1	A		
2	B		
3	C		
4	D		✔

Q.42

The bellow figure shows the three coplanar forces P, Q and R acting at a point O. If these forces are in equilibrium, then
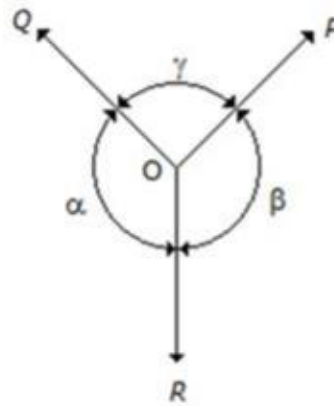
(A) $P/\sin\beta = Q/\sin\alpha = R/\sin\gamma$

(B) $P/\sin\alpha = Q/\sin\beta = R/\sin\gamma$

(C) $P/\sin\gamma = Q/\sin\alpha = R/\sin\beta$

(D) $P/\sin\alpha = Q/\sin\gamma = R/\sin\beta$

Marks 1

Question ID: 1447

No	Options Details	Correct Option
1	A	
2	B	✔
3	C	
4	D	

Q.43

Two balls of equal mass and of perfectly elastic material are lying on the floor. One of the balls with velocity 'v' is made to strike the second ball. Both the balls after impact will move with a velocity

(A) v (B) $v/2$

(C) $v/4$ (D) $v/8$

Marks   1

Question ID: 1448

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.44

The linear acceleration (a) of the body rotating along a circular path of radius (r) with an angular acceleration of α rad /s^2, is

(A) $A = \alpha / r$ (B) $A = \alpha r$

(C) $A = r / \alpha$ (D) $A = 2r / \alpha$

Marks   1

Question ID: 1449

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.45   Work done by an engine in 6 sec is 1000 joules. What is the power generated by the engine in watt

Marks   1

Question ID: 1450

No	Options Details	Correct Option
1	6000 watt	
2	600 watt	
3	166 watt	✓
4	900 watt	

Q.46	The product of EI is known as	
Marks	1	Question ID: 1451

No	Options Details	Correct Option
1	Flexural rigidity	✔
2	Section modulus	
3	Polar modulus	
4	Modulus of rupture	

Q.47 .

A square steel rod 20 mm × 20 mm in section is to carry an axial load (compression) of 100 kN. Calculate the shortening in length of 50 mm. 2.14×10^8 kN/m^2

(A) 0.0584 mm (B) 0.0684 mm

(C) 0.0784 mm (D) 0.84 mm

Marks	1	Question ID: 1452

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.48 .

A simply supported beam of span l is carrying a point load W at the mid span. What is the deflection at the centre of the beam?

(A) $\dfrac{Wl^2}{48\,EI}$ (B) $\dfrac{Wl^3}{48\,EI}$

(C) $\dfrac{5\,Wl^3}{384\,EI}$ (D) $\dfrac{11\,Wl^3}{120\,EI}$

Marks	1	Question ID: 1453

No	Options Details	Correct Option
1	A	
2	B	✔
3	C	
4	D	

Q.49

The temperature stress is a function of

1. Coefficient of linear expansion
2. Temperature rise
3. Modulus of elasticity

The correct answer is

(A) 1 and 2 only
(B) 1 and 3 only
(C) 2 and 3 only
(D) 1,2 and 3 only

Marks   1

Question ID: 1454

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✔

Q.50   In rectangular bar subjected to torsion, the maximum shear stress will occur at the

Marks   1

Question ID: 1455

No	Options Details	Correct Option
1	Corner	
2	Centre	
3	Middle of the longer side	✔
4	Unpredictable	

Q.51 .

For a strain gauge (gage factor 2.1 and resistance = 20 Ω), subjected to a maximum strain of 0.001, the maximum change in resistance is

(A) 0.084 Ω

(B) 0.105 Ω

(C) 0.135 Ω

(D) 0.156 Ω

Marks 1

Question ID: 1456

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	
5	Error in question / Answer options. Grace marks will be awarded.	✓

Q.52 In which one of the following tooth profiles, does the pressure angle remains constant throughout the engagement of teeth?

Marks 1

Question ID: 1457

No	Options Details	Correct Option
1	Cycloidal	
2	In volute	✓
3	Conjugate	
4	Epicycloid	

Q.53 .

For the follower with stroke S, following the cycloid motion, the radius of the rolling circle will be

(A) $S \times 2\pi$

(B) $\dfrac{S}{2\pi}$

(C) $\dfrac{2\pi}{S}$

(D) $S + 2\pi$

Marks 1

Question ID: 1458

No	Options Details	Correct Option
1	A	
2	B	✓
3	C	
4	D	

Q.54   Klein construction is useful to determine

Marks 1

Question ID: 1459

No	Options Details	Correct Option
1	Velocity of various parts	
2	Acceleration of various parts	✔
3	Displacement of various parts	
4	Angular acceleration of various parts	

Q.55   .

The maximum velocity of a particle moving with simple harmonic motion is

(A) ω (B) ωr

(C) $\omega^2 r$ (D) $\dfrac{\omega}{r}$

Marks 1

Question ID: 1460

No	Options Details	Correct Option
1	A	
2	B	✔
3	C	
4	D	

Q.56   To avoid correction for capillary action in manometers used for measuring pressures, minimum diameter of the tube should be

Marks 1

Question ID: 1461

No	Options Details	Correct Option
1	2.5 mm	
2	10 mm	
3	50 mm	
4	6 mm	✔

Q.57 In a venturimeter, the approximate value of constant or co-efficient discharge for fluids having low viscosity should be

Marks 1

Question ID: 1462

No	Options Details	Correct Option
1	1	
2	1.5	
3	0.95	✓
4	0.62	

Q.58 .

If Φ is a potential function in two-dimensional flow, the velocity components u and v are defined as

(A) $u = \dfrac{\partial \Phi}{\partial y}, v = \dfrac{-\partial \Phi}{\partial x}$

(B) $u = \dfrac{-\partial \Phi}{\partial y}, v = \dfrac{-\partial \Phi}{\partial y}$

(C) $u = \dfrac{\partial \Phi}{\partial x}, v = \dfrac{-\partial \Phi}{\partial x}$

(D) $u = \dfrac{-\partial \Phi}{\partial y}, v = \dfrac{-\partial \Phi}{\partial x}$

Marks 1

Question ID: 1463

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	
5	Error in question / Answer options. Grace marks will be awarded.	✓

Q.59 The square root of ratio of Inertia force to viscous force

Marks 1

Question ID: 1464

No	Options Details	Correct Option
1	Reynold's number	✓
2	Weber number	
3	Euler number	
4	Froude number	

Q.60 Piezometer measure _____ pressure only

Marks 1

Question ID: 1465

No	Options Details	Correct Option
1	Absolute	
2	Gauge	✔
3	Atmospheric	
4	Any of the above	

Q.61 1, 6, 15 (--------) 45, 66, 91

Marks 1

Question ID: 1466

No	Options Details	Correct Option
1	25	
2	26	
3	27	
4	28	✔

Q.62 165, 195, 255, 285, 345 (-------)

Marks 1

Question ID: 1467

No	Options Details	Correct Option
1	375	
2	435	
3	420	
4	390	
5	Error in question / Answer options. Grace marks will be awarded.	✔

Q.63 5, 17, 37, 65 (..........) 145

Marks 1

Question ID: 1468

No	Options Details	Correct Option
1	95	
2	97	
3	99	
4	101	✔

Q.64 5, 17, 37, 65 (-------) 145.

Marks 1

Question ID: 1469

No	Options Details	Correct Option
1	115	
2	148	
3	170	
4	181	
5	Error in question / Answer options. Grace marks will be awarded.	✔

Q.65 Country: President :: State : ?

Marks 1

Question ID: 1470

No	Options Details	Correct Option
1	Governor	
2	Minister	
3	Chief Minister	✔
4	Citizen	

Q.66   Court : Justice :: School : ?

Marks   1

Question ID: 1471

No	Options Details	Correct Option
1	Teacher	
2	Student	
3	Ignorance	
4	Education	✔

Q.67   Cricket : Bat :: Hockey : ?

Marks   1

Question ID: 1472

No	Options Details	Correct Option
1	Field	
2	Stick	✔
3	Player	
4	Ball	

Q.68   Accommodation : Rent :: Journey : ?

Marks   1

Question ID: 1473

No	Options Details	Correct Option
1	Expensive	
2	Octroi	
3	Freight	
4	Fare	✔

Q.69

Choose the word which is least like the other words in the group :

(A) Calendar   (B) Year
(C) Date   (D) Month

Marks	1	Question ID: 1474

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.70

Choose the word which is least like the other words in the group :

(A) Kanpur   (B) Allahabad
(C) Varanasi   (D) Madhura

Marks	1	Question ID: 1475

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✔

Q.71

Choose the word which is least like the other words in the group :

(A) Mumbai   (B) Cochin
(C) Kandla   (D) Mysore

Marks	1	Question ID: 1476

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✔

Q.72

Choose the word which is least like the other words in the group :

(A) Apple   (B) Mango
(C) Potato   (D) Orange

Marks   1

No	Options Details	Correct Option
1	A	
2	B	
3	C	✔
4	D	

Q.73

Choose missing letter out of the given letter :

U, O, I ? A

(A) E   (B) C
(C) S   (D) G

Marks   1

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.74 .

Choose missing letter out of the given letter :

Z, S, W, O, T, K, Q. G ??

(A) N, C   (B) N.D

(C) O.C   (D) OD

Marks   1

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.75 .

AB, BA, ABC, CBA, ABCD?

(A) ABCD   (B) BACD

(C) CABD   (D) DCBA

Marks   1

No	Options Details	Correct Option
1	A	
2	B	
3	C	
4	D	✔

Q.76 If 'DEAR' is coded as 'FGCT' then how will "READ" be coded as ?

Marks   1

No	Options Details	Correct Option
1	TGCF	✔
2	FGCF	
3	TSFC	
4	TCGF	

Q.77	If 'THRASH' is coded as 'UGFZTG' then how will 'HEAD' be coded ?	
Marks	1	Question ID: 1482

No	Options Details	Correct Option
1	IECD	
2	GDZC	
3	IDBC	✔
4	GDBC	

Q.78	If 'SWAMINATHAN' is coded as 'NAHTANIMAWS' then how will 'SIRNAME' be coded?	
Marks	1	Question ID: 1483

No	Options Details	Correct Option
1	EMAMSIR	
2	EMARNIS	
3	EMNARIS	
4	EMANRIS	✔

Q.79	Pre-occupation with a particular type of thought that keeps occurring repetevily is called?	
Marks	1	Question ID: 1484

No	Options Details	Correct Option
1	Stress	
2	Obsessive	✔
3	Opioid	
4	ODD	

Q.80	Inflexible, maladaptive behaviour, deeply ingrained disorders are related to	
Marks	1	Question ID: 1485

No	Options Details	Correct Option
1	Emotion	
2	Thinking	
3	Personality	✔
4	Memory	

Q.81

Atal Tunnel" was started as Highway Tunnel in between

Marks 1

Question ID: 1486

No	Options Details	Correct Option
1	Jammu and Kolkata	
2	Arunachal Pradesh and Assam	
3	Himachal Pradesh and Laddakh	✔
4	Goa and Kerala	

Q.82

Which of the following is not member country of ASEAN

Marks 1

Question ID: 1487

No	Options Details	Correct Option
1	India	✔
2	Myanmar	
3	Thailand	
4	Philippines	

Q.83

Expand SEZ

Marks 1

Question ID: 1488

No	Options Details	Correct Option
1	Special Education Zone	
2	Special Export Zone	
3	Special Engineering Zone	
4	Special Economic Zone	✔

Q.84

Whose birthday is celebrated as National Youth Day

Marks 1

Question ID: 1489

No	Options Details	Correct Option
1	Mahatma Gandhi	
2	Swami Vivekananda	✔
3	Swami Dayanand	
4	Kandukuri Veerasalingam	

Q.85 Mary Kom was given which of this award in 2020

Marks 1

Question ID: 1490

No	Options Details	Correct Option
1	Padma Vibhushan	✔
2	Padma Bhushan	
3	Padma Shri	
4	Arjuna	

Q.86 "Religion and Society" was written by

Marks 1

Question ID: 1491

No	Options Details	Correct Option
1	Dr. APJ Abdul Kalam	
2	Dr. Sarvepalli Radha Krishnan	✔
3	Sarojini Naidu	
4	Rabindranath Tagore	

Q.87 Pankaj Advani is related to which sport

Marks 1

Question ID: 1492

No	Options Details	Correct Option
1	Golf	
2	Badminton	
3	Chess	
4	Snooker	✔

Q.88   New Chairman of SBI is

Marks   1

Question ID:
1493

No	Options Details	Correct Option
1	Adithya Sarma	
2	Dharmendra Kumar	
3	Dinesh Kumar Khara	✔
4	Hemanth Kumar	

Q.89   Srisailam is on the bank of which river

Marks   1

Question ID:
1494

No	Options Details	Correct Option
1	Godavari	
2	Penna	
3	Tungabhadra	
4	Krishna	✔

Q.90   The term of 'Attorney General of India" is

Marks   1

Question ID:
1495

No	Options Details	Correct Option
1	Life Time	
2	6 years	
3	As long as President of India wishes	✔
4	Till the Parliament has confidence	

Q.91 .

Given below a word in capital letters is followed by four words or groups of words. Select the word or groups of words that is most similar in meaning to the word in capital letters.

TENEMENT

(A) Tenant

(B) Treatment

(C) Farm land

(D) Flat

Marks   1

Question ID:
1496

No		Options Details	Correct Option
1	A		
2	B		
3	C		
4	D		✓

Q.92 .

Given below a word in capital letters is followed by four words or phrases as [A], [B], [C] and [D]. Select the word or phrase which is nearly opposite to the meaning of the original word and mark the correct response as [A], [B], [C] or [D] as the case may be.

QUANDARY

(A) Cinch

(B) Bewilderment

(C) Perplexity

(D) Plight

Marks   1

Question ID:
1497

No		Options Details	Correct Option
1	A		✓
2	B		
3	C		
4	D		

Q.93 .

In the given below sentence the parts have been jumbled. These parts have been labelled P, Q, R and S. You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

are about to end/ look like/ they /these carefree days

       P   Q   R   S

(A) RQPS   (B) RPQS

(C) SQRP   (D) SQPR

Marks   1

Question ID: 1498

No	Options Details	Correct Option
1	A	
2	B	
3	C	✔
4	D	

Q.94 .

Complete the given sentence by choosing the most appropriate word/s from the given alternatives.

The water is so crystal clear that one might ———————— step into it.

(A) inadvertently   (B) certainly

(C) aimlessly   (D) deliberately

Marks   1

Question ID: 1499

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.95

.

Find out the correct meaning of the idiom/ phrase underlined from the options given below.

They bought the house <u>for a song</u>.

(A) with the money they earned through singing

(B) by paying a lot

(C) at a low price

(D) for singing practice

Marks 1

Question ID: 1500

No	Options Details	Correct Option
1	A	
2	B	
3	C	✔
4	D	

Q.96

Given are parts of the sentence. One of the parts may have a mistake. Spot the error part.

Marks 1

Question ID: 1501

No	Options Details	Correct Option
1	Can you	
2	Describe about	✔
3	The person who misbehaved	
4	With you?	

Q.97

Improve the given sentence finding the mistake(s) if any.

He congratulated me in winning the prize.

Marks 1

Question ID: 1502

No	Options Details	Correct Option
1	for	
2	about	
3	at	
4	on	✔

Q.98

Choose appropriate word to fill in the blank in the below given sentence.

I would like to know how ———————————

(A) he sang at the concert   (B) did he sing at the concert

(C) had he sung   (D) would he sing

Marks   1

Question ID: 1503

No	Options Details	Correct Option
1	A	✔
2	B	
3	C	
4	D	

Q.99

Comprehension:

Read the following passage and answer the questions that follows it.

Crab spiders are hunters and ambushers. Some species sit on or among flowers, bark, fruit or leaves where they grab visiting insects. Crab spiders use their powerful front legs to grab and hold onto prey while paralyzing it with a venomous bite.

They are camouflaged: several different types are known.[Even at a close range, it is difficult to see the spider. Some species are disguised as birds' droppings resting on a leaf. Crab spiders live in rain forests all over the world. They get their name from the way they scuttle around like small crabs.

Question:

Why are crab spiders called crab spiders?

Marks   1

Question ID: 1504

No	Options Details	Correct Option
1	They look like crabs	
2	They move around like crabs	✔
3	Like crabs, they use their front legs to grab the prey	
4	They are camouflaged like crabs	

Q.100

Comprehension:

Read the following passage and answer the questions that follows it.

Crab spiders are hunters and ambushers. Some species sit on or among flowers, bark, fruit or leaves where they grab visiting insects. Crab spiders use their powerful front legs to grab and hold onto prey while paralyzing it with a venomous bite.

They are camouflaged: several different types are known.[Even at a close range, it is difficult to see the spider. Some species are disguised as birds' droppings resting on a leaf. Crab spiders live in rain forests all over the world. They get their name from the way they scuttle around like small crabs.

Question:

Identify the statement from the below options that is not true about crab spiders

Marks 1	**Question ID:** 1505

No	Options Details	Correct Option
1	They are hunters	
2	They are ambushers	
3	They are found only in the rain forests of South America	✔
4	They are camouflaged	