

Itemcode : **WS1001**

**Q1:** \_\_\_\_\_ Jig is a type of drill jig.

- |          |      |
|----------|------|
| <b>A</b> | Stem |
| <b>B</b> | Leaf |
| <b>C</b> | Root |
| <b>D</b> | Sand |

Correct Ans: **B**

Itemcode : **WS1002**

**Q2:** \_\_\_\_\_ permit a variety of milling cutter types and sizes to be mounted to the milling machine spindle.

- |          |             |
|----------|-------------|
| <b>A</b> | Snap tool   |
| <b>B</b> | Clapper box |
| <b>C</b> | Indexer     |
| <b>D</b> | Adapter     |

Correct Ans: **D**

Itemcode : **WS1003**

**Q3:** Clinometer is used for \_\_\_\_\_ measurement.

- |          |          |
|----------|----------|
| <b>A</b> | linear   |
| <b>B</b> | angular  |
| <b>C</b> | circular |
| <b>D</b> | pressure |

Correct Ans: **B**

Itemcode : **WS1004**

**Q4:** Spur and helical gears can be planed using \_\_\_\_\_ process.

- |          |            |
|----------|------------|
| <b>A</b> | Whitworth  |
| <b>B</b> | Taylor's   |
| <b>C</b> | Markovian  |
| <b>D</b> | Sunderland |

Correct Ans: **D**

Itemcode : **WS1005**

**Q5:** If there is constant acceleration in the first half of the follower motion and constant deceleration in the later half, the displacement curve is found to be \_\_\_\_\_.

- |          |               |
|----------|---------------|
| <b>A</b> | parabolic     |
| <b>B</b> | circular      |
| <b>C</b> | straight line |

<b>D</b>	elliptical
Correct Ans: <b>A</b>	

Itemcode : <b>WS1006</b>	
<b>Q6:</b> Variation of bending stresses at any section on a beam is related to the bending moment by _____	
<b>A</b>	bending formula
<b>B</b>	St Venant's formula
<b>C</b>	flexural formula
<b>D</b>	torsional formula
Correct Ans: <b>A,C</b>	

Itemcode : <b>WS1007</b>	
<b>Q7:</b> The Law of belting states that the centre line of the belt when it approaches a pulley must lie in the _____ plane of that pulley.	
<b>A</b>	end
<b>B</b>	side
<b>C</b>	mid
<b>D</b>	front
Correct Ans: <b>C</b>	

Itemcode : <b>WS1008</b>	
<b>Q8:</b> _____ is that portion of the reamer which stands between two flutes.	
<b>A</b>	Margin
<b>B</b>	Land
<b>C</b>	Chamfer
<b>D</b>	Tang
Correct Ans: <b>B</b>	

Itemcode : <b>WS1009</b>	
<b>Q9:</b> In a cantilever beam subjected to a point load at its free end has maximum bending moment at _____	
<b>A</b>	free end of the beam
<b>B</b>	fixed end of the beam
<b>C</b>	mid span of the beam
<b>D</b>	at a distance of 0.6 x length of the beam
Correct Ans: <b>B</b>	

Itemcode : <b>WS1010</b>	
<b>Q10:</b> A 4-bar linkage used to produce the path exactly similar to the ones traced out by a point on the linkage is known as _____	
<b>A</b>	Pythagraph

<b>B</b>	Cantograph
<b>C</b>	Cyclograph
<b>D</b>	Pantograph
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1011</b>	
<b>Q11:</b> In EDM process _____ is used.	
<b>A</b>	dielectric
<b>B</b>	electrolyte
<b>C</b>	paraffin
<b>D</b>	all of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1012</b>	
<b>Q12:</b> Planes of maximum shear stress occur at _____ to the principal planes.	
<b>A</b>	90°
<b>B</b>	60°
<b>C</b>	45°
<b>D</b>	30°
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1013</b>	
<b>Q13:</b> In HSS tool the tungsten composition is generally _____.	
<b>A</b>	1%
<b>B</b>	0%
<b>C</b>	42%
<b>D</b>	18%
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1014</b>	
<b>Q14:</b> A _____ of a moving link is the centre of its rotation with respect to a fixed link.	
<b>A</b>	pole
<b>B</b>	pointer
<b>C</b>	star
<b>D</b>	string
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1015</b>	
<b>Q15:</b> "Total Strain Energy" theory of failure is also known as _____	

<b>A</b>	Lame Rankine Theory
<b>B</b>	Couloumb Guest Theory
<b>C</b>	Von – Mises Theory
<b>D</b>	Beltrami-Haigh Theory
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1016</b>	
<b>Q16:</b> Forces and angles acting during metal machining are related by _____ diagram.	
<b>A</b>	Mohr's Circle
<b>B</b>	Merchant Circle
<b>C</b>	Maxwell's Circle
<b>D</b>	none of the above
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>WS1017</b>	
<b>Q17:</b> In case of hot rolling when maximum reduction in cross-section per pass is aimed at, it may be necessary to artificially increase the value of $\mu$ by "_____ " the surface of rolls.	
<b>A</b>	swaging
<b>B</b>	pressing
<b>C</b>	ragging
<b>D</b>	milling
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1018</b>	
<b>Q18:</b> Energy that crosses the system boundaries is known as _____	
<b>A</b>	stored energy
<b>B</b>	global energy
<b>C</b>	local energy
<b>D</b>	energy in transit
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1019</b>	
<b>Q19:</b> The steel straps reinforced beams are called _____	
<b>A</b>	fitched beams
<b>B</b>	flexible beams
<b>C</b>	structured beams
<b>D</b>	string beams
Correct Ans: <b>A</b>	

Itemcode : **WS1020**

**Q20:** MPFI used in automobile engines stands for

- A** Multipoint Petrol Flow Injector
- B** Micro Point Flow Injector
- C** Multi Point Fuel Injector
- D** Micro Point Fuel Injector

Correct Ans: **C**

Itemcode : **WS1021**

**Q21:** \_\_\_\_\_ shears are provided with two straight blades of adequate length made of die steel, in which longer blade is fixed to the ram while the other one is fixed to the edge of machine bed.

- A** Guillotine
- B** Carotene
- C** Sigma
- D** Delta

Correct Ans: **A**

Itemcode : **WS1022**

**Q22:** Unit of Area Moment of Inertia of a plane section is \_\_\_\_\_, where is "L" is the length unit.

- A**  $L^6$
- B**  $L^4$
- C**  $L^2$
- D**  $L^3$

Correct Ans: **B**

Itemcode : **WS1023**

**Q23:** Etchants are used in \_\_\_\_\_ process

- A** Laser Beam Machining
- B** Abrasive jet machining
- C** Photo chemical machining
- D** Electro Discharge Machining

Correct Ans: **C**

Itemcode : **WS1024**

**Q24:** The locus of all such points on the coupler which have stationary curvature at the instant is known as \_\_\_\_\_

- A** circling point curve
- B** spherical stationary curvature
- C** centre of curvature

**D** None of the above

Correct Ans: **A**

Itemcode : **WS1025**  
**Q25:** The ability of foundry sand to allow gases, water vapour and air to pass through it is known as \_\_\_\_\_

**A** refractoriness

**B** cohesiveness

**C** permeability

**D** adhesiveness

Correct Ans: **C**

Itemcode : **WS1026**  
**Q26:** The projectile will reach the maximum height, when the vertical component of velocity of projection becomes \_\_\_\_\_.

**A** unity

**B** zero

**C** maximum

**D** independent of velocity

Correct Ans: **B**

Itemcode : **WS1027**  
**Q27:** The empty portion of cupola above the preheating zone is called as \_\_\_\_\_.

**A** stack

**B** well

**C** Tuyere

**D** Fettling zone

Correct Ans: **A**

Itemcode : **WS1028**  
**Q28:** Efficiency of a machine in terms of M.A.(Mechanical advantage) and Velocity Ratio (V.R) is given as \_\_\_\_\_

**A**  $M.A \times V.R$

**B**  $V.R / M.A$

**C**  $V.R / M.A - 100$

**D**  $M.A / V.R$

Correct Ans: **D**

Itemcode : **WS1029**  
**Q29:** Whenever a hole, recess, undercut or internal cavity is required in a casting, a \_\_\_\_\_, which is usually made up of a refractory material like sand is used.

<b>A</b>	pattern
<b>B</b>	core
<b>C</b>	cope
<b>D</b>	vent
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>WS1030</b>	
<b>Q30:</b> _____ zone is the zone between the maximum and minimum limit size.	
<b>A</b>	Allowance
<b>B</b>	Deviation
<b>C</b>	Tolerance
<b>D</b>	Dynamic
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1031</b>	
<b>Q31:</b> An ideal thermal radiator of uniform temperature whose radiant exitance in all parts of the spectrum is the maximum obtainable from any thermal radiator at the same temperature is called a _____	
<b>A</b>	black body
<b>B</b>	grey body
<b>C</b>	luminous body
<b>D</b>	none of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1032</b>	
<b>Q32:</b> If three _____ forces are acting on a body and the body is in equilibrium, then the resultant of two forces should be equal and opposite to the third force.	
<b>A</b>	parallel and coplanar
<b>B</b>	non concurrent and coplanar
<b>C</b>	concurrent
<b>D</b>	non coplanar and non concurrent
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1033</b>	
<b>Q33:</b> The type of casting defect which denotes incomplete filling of mould cavity is known as _____	
<b>A</b>	mismatch
<b>B</b>	misrun
<b>C</b>	scab
<b>D</b>	rat-tail
Correct Ans: <b>B</b>	

Itemcode : **WS1034**

**Q34:** \_\_\_\_\_ steering mechanism can be used in automobiles.

**A** Ackermann

**B** Parkinson

**C** Jhonson

**D** Carnot

Correct Ans: **A**

Itemcode : **WS1035**

**Q35:** One of the main elements that make a microscope a measuring instrument is the \_\_\_\_\_

**A** Retina

**B** Crank

**C** Spigot

**D** Recticle

Correct Ans: **D**

Itemcode : **WS1036**

**Q36:** \_\_\_\_\_ increases fusibility and fluidity in cast iron but induces brittleness.

**A** Silver

**B** Aluminum

**C** Phosphorus

**D** Zinc

Correct Ans: **C**

Itemcode : **WS1037**

**Q37:** When air passes over a dry surface which is at a temperature greater than its (air) dry bulb temperature, it undergoes \_\_\_\_\_

**A** sensible heating

**B** sensible cooling

**C** condensation

**D** none of the above

Correct Ans: **A**

Itemcode : **WS1038**

**Q38:** The link between the small end of the connecting rod and the piston is \_\_\_\_\_

**A** crank

**B** crank shaft

**C** cam shaft

<b>D</b>	gudgeon pin
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1039</b>	
<b>Q39:</b> Among the various drilling machines, which is the most versatile machine compared to other drilling machines in the options given below?	
<b>A</b>	Sensitive drilling machine
<b>B</b>	Portable drilling machine
<b>C</b>	Radial drilling machine
<b>D</b>	Bench drilling machine
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1040</b>	
<b>Q40:</b> Determination of the position and orientation of the end effector of a robot, when joint angles are known is classified as _____	
<b>A</b>	forward kinematics
<b>B</b>	inverse kinematics
<b>C</b>	implicit kinematics
<b>D</b>	explicit kinematics
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1041</b>	
<b>Q41:</b> Ruby rod can be used in _____ process to generate beam.	
<b>A</b>	Plasma beam machining
<b>B</b>	Electron beam machining
<b>C</b>	Laser beam machining
<b>D</b>	Ultrasonic beam machining
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1042</b>	
<b>Q42:</b> 'Ladder Frame' is an example for _____.	
<b>A</b>	supports of machine tool
<b>B</b>	chassis of automobile
<b>C</b>	suspension
<b>D</b>	roof
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>WS1043</b>	
<b>Q43:</b> In milling operation, the minimum table traverse required is _____, where $L$ is the length of job and $D$ is the milling cutter diameter.	
<b>A</b>	$L \times D$

<b>B</b>	L -D
<b>C</b>	L + D
<b>D</b>	L / D
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1044</b>	
<b>Q44:</b> For a given fuel and given pressure and temperature of the reactants, the maximum adiabatic flame temperature that can be achieved is with a _____mixture	
<b>A</b>	homogeneous
<b>B</b>	stoichiometric
<b>C</b>	colloids
<b>D</b>	none of the above
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>WS1045</b>	
<b>Q45:</b> The gas obtained from smelting operation in which air is forced through layers of coke and iron ore is known as _____	
<b>A</b>	Coke Oven illuminating gas
<b>B</b>	Sewer gas
<b>C</b>	Blast furnace gas
<b>D</b>	Hydro-Carbonyl gas
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1046</b>	
<b>Q46:</b> The equation to find the index crank movement for simple indexing to get 'N' number of equal divisions on the periphery of a disc of diameter 'D' is _____	
<b>A</b>	40 /N
<b>B</b>	40 / D
<b>C</b>	N / 40
<b>D</b>	D / 40
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1047</b>	
<b>Q47:</b> Resinoid bond wheels are made from bakelite and other resinous material and it is denoted by letter _____	
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	R
Correct Ans: <b>B</b>	

Itemcode : **WS1048**

**Q48:** Car A.C. compressor shaft gets power from \_\_\_\_\_

**A** multi plate clutch

**B** steering gear

**C** engine shaft

**D** solenoid

Correct Ans: **C**

Itemcode : **WS1049**

**Q49:** Magnetic arc blow is also known as \_\_\_\_\_

**A** arc wander

**B** arc striker

**C** arc seamer

**D** arc stopper

Correct Ans: **A**

Itemcode : **WS1050**

**Q50:** A \_\_\_\_\_ fitted through the spindle, screws in to the arbor and holds it firmly in the spindle.

**A** draw-in-bar

**B** chuck

**C** live centre

**D** lug

Correct Ans: **A**

Itemcode : **WS1051**

**Q51:** The thermal efficiency of Rankine cycle is increased by

**A** Increasing the pressure and volume at which heat is added to the cycle

**B** Decreasing the pressure and volume at which mass is added to the cycle

**C** Decreasing the temperature at which mass is added to the cycle

**D** Increasing the average temperature at which heat is added to the cycle

Correct Ans: **D**

Itemcode : **WS1052**

**Q52:** In a \_\_\_\_\_ bearing, the inner ring has two raceways and the outer ring has a single spherical raceway with its center of curvature coincident with the bearing axis.

**A** rigid

**B** elastic

**C** self-aligning

**D** pseudo-aligning

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Correct Ans: **C**

Itemcode : **WS1053**  
**Q53:** \_\_\_\_\_ is defined as the technique in which a statistically competent number of instantaneous observations are taken over a period of time of machines, processes or workers.

**A** Work sampling

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**B** Line Balancing

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**C** Log study

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**D** None of the above

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Correct Ans: **A**

Itemcode : **WS1054**  
**Q54:** " Spelter" is \_\_\_\_\_

**A** combination of 62% lead and 38% tin

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**B** combination of 50% lead and 50% tin

---

**C** combination of 62% lead and 38% zinc

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**D** non-ferrous filler material

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Correct Ans: **D**

Itemcode : **WS1055**  
**Q55:** Heat conduction in solids in which the faster moving molecules or atoms in the hottest part of a body transfer heat by impacts some of their energy to adjacent molecules is known as \_\_\_\_\_

**A** Scotty vibration

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**B** dissipation

---

**C** lattice vibration

---

**D** asymptotic vibration

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Correct Ans: **C**

Itemcode : **WS1056**  
**Q56:** Speed spectrum of machine tool spindle can have \_\_\_\_\_

**A** Geometric Progression

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**B** Bipolar Progression

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**C** Unilateral Progression

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**D** Bilateral Progression

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Correct Ans: **A**

Itemcode : **WS1057**  
**Q57:** \_\_\_\_\_ is a geometrical opening in the side of a reservoir with upstream liquid level below the upper edge of an opening.

**A** Orifice

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<b>B</b>	Venturi
<b>C</b>	Mesh
<b>D</b>	Weir
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1058</b>	
<b>Q58:</b> All similar machines or operations are grouped together in _____ layout.	
<b>A</b>	line
<b>B</b>	process
<b>C</b>	loop
<b>D</b>	none of the above
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>WS1059</b>	
<b>Q59:</b> Recuperators are a type of _____	
<b>A</b>	heat exchangers
<b>B</b>	compressors
<b>C</b>	accumulators
<b>D</b>	solidifiers
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1060</b>	
<b>Q60:</b> Fluids for which the flow behaviour index 'n' is greater than unity are called _____	
<b>A</b>	dilutant
<b>B</b>	coherent
<b>C</b>	dilatant
<b>D</b>	none of the above
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1061</b>	
<b>Q61:</b> _____ is a chip less manufacturing process.	
<b>A</b>	Gear cutting
<b>B</b>	Thread cutting
<b>C</b>	Milling
<b>D</b>	Spinning
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1062</b>	
<b>Q62:</b> If in polyethylene, all the hydrogen atoms are replaced by fluorine atoms, we shall get _____.	

<b>A</b>	Polytetrafluoroethylene
<b>B</b>	Polystyrene
<b>C</b>	Polyamides
<b>D</b>	Polyurethane
Correct Ans: <b>A</b>	

Itemcode : <b>WS1063</b>	
<b>Q63:</b> _____ number is defined as the square root of the ratio of the inertia force of a fluid to the elastic force.	
<b>A</b>	Reynold's
<b>B</b>	Mach
<b>C</b>	Avogadro's
<b>D</b>	None of the above
Correct Ans: <b>B</b>	

Itemcode : <b>WS1064</b>	
<b>Q64:</b> "Intensity of pressure at a point in a fluid at rest is same in all directions" is	
<b>A</b>	Pascal's Law
<b>B</b>	Newton's Law
<b>C</b>	Reynold's Law
<b>D</b>	Bernoulli's Law
Correct Ans: <b>A</b>	

Itemcode : <b>WS1065</b>	
<b>Q65:</b> Swing diameter over bed is a technical specification of _____	
<b>A</b>	Shaper
<b>B</b>	Slotter
<b>C</b>	Planer
<b>D</b>	Lathe
Correct Ans: <b>D</b>	

Itemcode : <b>WS1066</b>	
<b>Q66:</b> The _____ is the ratio of the explained variation to the total variation	
<b>A</b>	coefficient of determination
<b>B</b>	coefficient of attenuation
<b>C</b>	coefficient of conversion
<b>D</b>	coefficient of assessment
Correct Ans: <b>A</b>	

Itemcode : **WS1067**

**Q67:** The \_\_\_\_\_ plots the number of defects or failures per unit.

**A** v-bar chart

**B** x-bar chart

**C** q-bar chart

**D** c-bar chart

Correct Ans: **D**

Itemcode : **WS1068**

**Q68:** \_\_\_\_\_ refers to relatively finely spaced surface irregularities of small wavelength on the part which results from the inherent action of the manufacturing process.

**A** Waviness

**B** Roughness

**C** Concentricity

**D** Crater

Correct Ans: **B**

Itemcode : **WS1069**

**Q69:** The instantaneous pictures of the positions of all the fluid particles, which have passed through a fixed point in the flow field, are called \_\_\_\_\_.

**A** straight lines

**B** cyclic lines

**C** sigma lines

**D** streak lines

Correct Ans: **D**

Itemcode : **WS1070**

**Q70:** If the axes of the first and the last wheels of a compound gear coincide, it is called a \_\_\_\_\_ gear train.

**A** Eccentric

**B** Epicentric

**C** Reverted

**D** None of the above

Correct Ans: **C**

Itemcode : **WS1071**

**Q71:** \_\_\_\_\_ rivet is a type of rivet.

**A** Blind

**B** Sync

**C** Sledge

<b>D</b>	None of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1072</b>	
<b>Q72:</b> The tolerance zones of the hole and shaft overlap in _____.	
<b>A</b>	Clearance fit
<b>B</b>	Loose fit
<b>C</b>	Interference fit
<b>D</b>	Transition fit
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1073</b>	
<b>Q73:</b> A compressible flow is that flow in which the _____ of the fluid changes during flow.	
<b>A</b>	density
<b>B</b>	mass/weight ratio
<b>C</b>	area/ volume ratio
<b>D</b>	none of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1074</b>	
<b>Q74:</b> _____ couplings are usually used to transmit torque from one shaft to another when the two shafts are slightly misaligned.	
<b>A</b>	Pin
<b>B</b>	Stack
<b>C</b>	Rigid
<b>D</b>	Flexible
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1075</b>	
<b>Q75:</b> Milling two sides of a piece of work by employing two side-milling cutters at the same time is _____ milling	
<b>A</b>	Straddle
<b>B</b>	End
<b>C</b>	Form
<b>D</b>	Plane
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1076</b>	
<b>Q76:</b> Hypoid gears are approximations of _____ though they look like spiral gears.	
<b>A</b>	cycloids

<b>B</b>	epicycloids
<b>C</b>	pinion
<b>D</b>	hyperboloids
Correct Ans: <b>D</b>	

Itemcode : <b>WS1077</b>	
<b>Q77:</b> In 2 <sup>nd</sup> angle projection top view lies _____ and front view lies _____ line of intersection of HP and VP.	
<b>A</b>	above, above
<b>B</b>	above, below
<b>C</b>	below, above
<b>D</b>	below, below
Correct Ans: <b>A</b>	

Itemcode : <b>WS1078</b>	
<b>Q78:</b> _____ is an example for mechanical working of sheet metals.	
<b>A</b>	Welding
<b>B</b>	Casting
<b>C</b>	Milling
<b>D</b>	Bending
Correct Ans: <b>D</b>	

Itemcode : <b>WS1079</b>	
<b>Q79:</b> The Ericsson cycle is similar to the _____ but uses external heat and incorporates the use of a regenerator.	
<b>A</b>	Otto cycle
<b>B</b>	Atkinson Cycle
<b>C</b>	Brayton cycle
<b>D</b>	Carnot cycle
Correct Ans: <b>C</b>	

Itemcode : <b>WS1080</b>	
<b>Q80:</b> OPITZ coding system is used in _____	
<b>A</b>	Group Technology
<b>B</b>	Robotics
<b>C</b>	Welding
<b>D</b>	Casting
Correct Ans: <b>A</b>	

Itemcode : <b>WS1081</b>	
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**Q81:** Which of the following is true about the Alpine Zone of the Himalayas?

- (i) The higher ranges of mountains above 3500 meters comprise it.
- (ii) It is the easternmost range and separates Spiti and Kinnaur from Tibet.
- (iii) The Zaskar range is across its borders.
- (iv) It has a large number of passes.

**A** (i) ; (iii).

**B** (i) ; (ii).

**C** (ii) ; (iv).

**D** (ii) ; (iii).

Correct Ans: **S** (**S Denotes question scrapped and no credit to Candidates.**)

Itemcode : **WS1082**

**Q82:** Find out the correct match of the following lakes with their districts in H.P.?

	<u>Lake</u>		<u>District</u>
(i)	Mahakali Lake	(a)	Kangra.
(ii)	Chandra Tal	(b)	Lahaul and Spiti.
(iii)	Dal Lake	(c)	Mandi.
(iv)	Kalasar Lake	(d)	Chamba.

**A** (i) – (d); (ii) – (b); (iii) – (a); (iv) – (c).

**B** (ii) – (c); (iii) – (d); (iv) – (b); (i) – (a).

**C** (iii) – (a); (iv) – (c); (ii) – (d); (i) – (b).

**D** (iv) – (b); (i) – (c); (iii) – (a); (ii) – (d).

Correct Ans: **A**

Itemcode : **WS1083**

**Q83:** Which of the following is the correct pair of two temples of the Swangla tribe of H.P.?

**A** Rangnath Temple and Markula Temple.

**B** Trilokinath Temple and Brij Raj Temple.

**C** Lakshana Devi Temple and Markula Temple.

**D** Markula Temple and Trilokinath Temple.

Correct Ans: **D**

Itemcode : **WS1084**

**Q84:** Which of the following districts of Himachal Pradesh had the lowest sex-ratio according to the Census - 2001?

**A** Solan and Una.

**B** Kinnaur and Shimla.

**C** Lahaul-Spiti and Solan.

**D** Bilaspur and Shimla.

Correct Ans: **C**

Itemcode : **WS1085**

**Q85:** Which of the following is true about the representation of women in the H.P. State Legislative Assembly between 1967 and 1971?

- (i) Four women only were the members.
- (ii) Only three women were the members.
- (iii) No woman was a member.

**A** (ii) & (iii).

**B** (ii) only.

**C** (i) only.

**D** (iii) only.

Correct Ans: **D**

Itemcode : **WS1086**

**Q86:** Which of the following is true about the growth of Scheduled Caste population in H.P. as per the Census of 2001?

- (i) It shows an increase of 7% from the census of 1991.
- (ii) It shows a slight decline.
- (iii) It shows an increase of 5%.

**A** (i) only.

**B** (ii) only.

**C** (iii) only.

**D** (i) and (iii).

Correct Ans: **S** (**S Denotes question scrapped and no credit to Candidates.**)

Itemcode : **WS1087**

**Q87:** Find out the correct match of the following festivals with months in which they are celebrated in Himachal Pradesh:

- |                    |                |
|--------------------|----------------|
| (i) Sui Fair       | (a) April.     |
| (ii) Markanda Fair | (b) June.      |
| (iii) Renuka Fair  | (c) November   |
| (iv) Sissu Fair    | (d) September. |

**A** (i) – (d); (ii) – (a); (iii) – (c); (iv) – (b).

**B** (ii) – (b); (iii) – (c); (i) – (a); (iv) – (d).

**C** (iii) – (d); (i) – (b); (ii) – (c); (iv) – (a).

**D** (iv) – (c); (ii) – (d); (iii) – (b); (i) – (a).

Correct Ans: **S** (**S Denotes question scrapped and no credit to Candidates.**)

Itemcode : **WS1088**

**Q88:** The land of which of the following category of landholders was being transferred to the H.P. State Government by the Big Landed Estates and Land Reforms Act, 1953?

- |          |  |
|----------|--|
| <b>A</b> | Those landholders who paid an annual land revenue of more than Rs. 350/- only. |
| <b>B</b> | Those landowners who paid an annual land revenue of more than Rs. 175/- only   |
| <b>C</b> | Those landowners who paid an annual land revenue of more than Rs. 260/- only.  |
| <b>D</b> | Those landowners who paid an annual land revenue of more than Rs. 125/- only.  |

Correct Ans: **D**

Itemcode : **WS1089**

**Q89:** The Himachal Pradesh Government Economic Survey, 2020-21 proposes to bring down the unemployment by 2022 to :

- |          |     |
|----------|-----|
| <b>A</b> | 5%. |
| <b>B</b> | 6%. |
| <b>C</b> | 4%  |
| <b>D</b> | 3%. |

Correct Ans: **B**

Itemcode : **WS1090**

**Q90:** Hiuen-Tsang, the Chinese pilgrim, visited the Kuluta (Kullu) Valley in H.P.:

- |          |   |
|----------|---|
| <b>A</b> | During the last quarter of the 7th Century A.D.   |
| <b>B</b> | During the third quarter of the 7th Century A.D.  |
| <b>C</b> | During the Second quarter of the 7th Century A.D. |
| <b>D</b> | During the first quarter of the 7th Century A.D.  |

Correct Ans: **C**

Itemcode : **WS1091**

**Q91:** Separate Railway Budget was not presented in the Lok Sabha for the first time in the year :

- |          |       |
|----------|-------|
| <b>A</b> | 2016. |
| <b>B</b> | 2017. |
| <b>C</b> | 2014. |
| <b>D</b> | 2015. |

Correct Ans: **B**

Itemcode : **WS1092**

**Q92:** Which of the following State of India has the highest density of population per sq. km?

- |          |                |
|----------|----------------|
| <b>A</b> | Tamil Nadu.    |
| <b>B</b> | West Bengal.   |
| <b>C</b> | Uttar Pradesh. |

<b>D</b>	Bihar
Correct Ans: <b>D</b>	

Itemcode : <b>WS1093</b>	
<b>Q93:</b> Of the following wrestlers of India who have won medals in both the Olympics held in Beijing and London?	
<b>A</b>	Sushil Kumar.
<b>B</b>	Abhinav Bindra.
<b>C</b>	Sakshi Malik.
<b>D</b>	Gagan Narang.
Correct Ans: <b>A</b>	

Itemcode : <b>WS1094</b>	
<b>Q94:</b> The Painting of the 'Dancing Girl' was made by :	
<b>A</b>	Amrita Sher-Gil.
<b>B</b>	M.F. Husain.
<b>C</b>	Rabindra Nath Tagore.
<b>D</b>	Abanindranath Tagore.
Correct Ans: <b>S</b> <b>(S Denotes question scrapped and no credit to Candidates.)</b>	

Itemcode : <b>WS1095</b>	
<b>Q95:</b> Match the following historical monuments / places with the States in which they are located:	
	(i) Bara Imambara                      (a) Rajasthan.
	(ii) Bhimbetka                            (b) Uttar Pradesh.
	(iii) Dhauli                                (c) Odisha.
	(iv) Osian Temples                      (d) Madhya Pradesh.
<b>A</b>	(iv) – (b); (ii) – (a); (iii) – (c); (i) – (d).
<b>B</b>	(iii) – (a); (iv) – (c); (i) – (d); (ii) – (b).
<b>C</b>	(ii) – (b); (iii) – (c); (iv) – (a); (i) – (d).
<b>D</b>	(i) – (b); (ii) – (d); (iii) – (c); (iv) – (a).
Correct Ans: <b>D</b>	

Itemcode : <b>WS1096</b>	
<b>Q96:</b> Which of the following is correct about the award of Nobel Peace Prize to Liu Xiaobo of China.	
	(i) It was awarded to him in 2019 for exposing China for keeping the COVID-19 outbreak a secret.
	(ii) It was awarded to him in recognition to his long struggle for human rights in China.
	(iii) It was awarded to him in 2010.
	(iv) It was awarded to him in 2015.
<b>A</b>	(i) & (ii).

<b>B</b>	(ii) & (iii).
<b>C</b>	(iii) & (iv).
<b>D</b>	(iv) & (ii).
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>WS1097</b>	
<b>Q97:</b> Which of the following Continent has the largest marine protected area?	
<b>A</b>	Antarctica.
<b>B</b>	Africa.
<b>C</b>	Europe.
<b>D</b>	Asia.
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>WS1098</b>	
<b>Q98:</b> Which of the following replaced the General Agreement on Tariffs and Trade (GATT)?	
<b>A</b>	World Economic Forum.
<b>B</b>	Tariffs and Trade Agreement.
<b>C</b>	World Inclusive Development Agreement.
<b>D</b>	World Trade Organization.
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>WS1099</b>	
<b>Q99:</b> Which of the following countries of the world have not demonetized their currencies between 1985 and 2010?	
<b>A</b>	Soviet Union.
<b>B</b>	Brazil.
<b>C</b>	Canada.
<b>D</b>	North Korea.
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>WS1100</b>	
<b>Q100:</b> Which of the following is correct about the European Union?	
(i) Its currency is used by all its member countries.	
(ii) Its currency is not used by many of its member countries.	
(iii) Its headquarters / capital is in Geneva.	
(iv) Its motto, "Unity in Cultural diversity" came into use in 2005.	
<b>A</b>	(i) only.
<b>B</b>	(ii) only.
<b>C</b>	(i) & (iv).

**D** (i) & (iii).

Correct Ans: **B**