Itemcode : **LH1001**

Q1: Newton's first law of motion gives the concept of

A	Force
B	Work
C	Inertia
D	Energy

Correct Ans: **C**

Itemcode : **LH1002**

Q2: A thermodynamic system is referred to be an isolated system when there is transfer of_____across the system boundaries

A	only mass
B	only energy
C	both mass and energy
D	neither mass nor energy

Correct Ans: **D**

Itemcode : **LH1003**

Q3: The dimensional formula $ML^2 T^{-3}$ represents

A	Work
B	Power
C	Force
D	Momentum

Correct Ans: **B**

Itemcode : **LH1004**

Q4: A rectangle ABCD has sides AB = CD = 80 mm and BC = DA = 60 mm. Forces of 150 N each act along AB and CD, and forces of 100 N each act along BC and DA. The resultant moment of the force system is

A	8000 Nmm
B	9000 Nmm
C	1000 Nmm
D	17000 Nmm

Correct Ans: **D**

Itemcode : **LH1005**

Q5: Resultant of two equal forces is equal to either of them. The angle between the forces is

A	0°
B	60°

C	90°
D	120°

Correct Ans: **D**

Itemcode : **LH1006**

Q6: All of the following are correct statements, except

A	The member of base and supplementary units in SI system are seven and two respectively.
B	The unit of amount of substance in SI system is called mole
C	Farce is a vector quantity whereas displacement is a scalar quantity
D	Space is a region which extends in all directions and contains everything in it

Correct Ans: **C**

Itemcode : **LH1007**

Q7: Identify the wrong statement about matter, particle and body

A	Matter is anything that occupies space, possesses mass and offer resistance to any external force
B	A particle is a body of infinitely small volume and its mass is considered to be concentrated at a point
C	A body has definite shape and consists of number of particles
D	A body exhibits no relative deformation between two parts when it is acted upon by a force system

Correct Ans: **D**

Itemcode : **LH1008**

Q8: Which of the followings is the supplementary unit in SI system?

A	mole
B	ampere
C	candela
D	radian

Correct Ans: **D**

Itemcode : **LH1009**

Q9: Consider the following statements

1. Light year is a unit of time.

2. Momentum and impulse have the same units

3 A body falling freely under gravitational force has no weight

Which of these is / are false statement / statements?

A	1 and 3
B	2 and 3
C	1 and 2
D	1 only

Correct Ans: **D**

Itemcode : **LH1010**

Q10: In a four stroke IC engine turning 1500 rev/min, how many revolutions the crankshaft will have to make for every power stroke?

A	3000
B	1500
C	750
D	375

Correct Ans: **C**

Itemcode : **LH1011**

Q11: For analysis purposes, a body can be modeled as rigid if:

A	Its dimensions are small compared with the coordinates describing its motion
B	It has continuous distribution of mass.
C	It is characterized by some preferred configuration of its own
D	Relative deformation between its parts is negligible

Correct Ans: **D**

Itemcode : **LH1012**

Q12: Which is not true in the context of effect of cold working on metals?

A	loss of ductility
B	increase of strength and hardness of metal
C	refinement in grain structure
D	surface finish is improved and close tolerances maintained

Correct Ans: **C**

Itemcode : **LH1013**

Q13: All of the following are scalar quantities except

A	Energy
B	Temperature
C	Time
D	Displacement

Correct Ans: **D**

Itemcode : **LH1014**

Q14: Dimensions for moment of momentum are

A	FLT
B	FL^{-1}
C	

	FLT^{-1}
D	$FL^{-1}T^{-1}$

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

Itemcode : **LH1015**

Q15: The dimensional formula ML^2T^{-3} represents

A	Work
B	Power
C	Force
D	Momentum

Correct Ans: **B**

Itemcode : **LH1016**

Q16: In piercing and blanking operation, the clearance between punch and die solely depends on

A	diameter of the hole required
B	thickness of sheet metal
C	number of pieces to be made
D	capacity and type of press

Correct Ans: **B**

Itemcode : **LH1017**

Q17: Force F is given in terms of time t and distance x by

$$F = a \sin ct + b \cos dx$$

Then the dimensions of $\frac{a}{b}$ and $\frac{c}{d}$ are given by

A	$MLT^{-2}, M^0L^0T^{-1}$
B	$MLT^{-2}, M^0L^{-1}T^0$
C	$M^0L^0T^0, M^0L^1T^{-1}$
D	$M^0L^1T^{-1}, M^0L^0T^0$

Correct Ans: **C**

Itemcode : **LH1018**

Q18: Newton's second law of motion connects

A	change of momentum and velocity
B	momentum and acceleration
C	momentum and rate of change of force

D	rate of change of momentum and external force

Correct Ans: **D**

Q19: Vertically hanging curtains between the compartments in an aero plane are seen to bend forward. This indicates that the aero plane is

A	taking off
B	moving steadily at constant altitude
C	slowing down for landing
D	taking a bend

Correct Ans: **C**

Q20: A force which combines with two or more forces to produce equilibrium is called

A	resultant
B	equilibrant
C	couple
D	moment

Correct Ans: **B**

Q21: The recrystallisation temperature is the temperature at which new strain-free grains are formed from the earlier deformed once. For steel this temperature is close to

A	350°C
B	560°
C	800°C
D	1025°C

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

Q22: Identify the wrong statement pertaining to hot working of metals.

A	metal becomes plastic and causes growth of grains
B	close tolerances can be maintained
C	rapid and economical process
D	power required to finish the part from ingot is less

Correct Ans: **B**

Q23: Stamping is the process of

A	producing flutes or corrugations

B	producing seamless tubes
C	shaping thin sheets by pressing them against a form
D	printing letters and numbers on metal sheets

Correct Ans: **C,D**

Itemcode : **LH1024**

Q24: In sheet metal work, the cutting force on the tool can be reduced by

A	grinding the cutting edges sharp
B	increasing the hardness of tool
C	providing shear angle on the tool
D	increasing the hardness of die

Correct Ans: **A,C**

Itemcode : **LH1025**

Q25: Cold working of metals is carried out

A	below the recrysatallisation temperature
B	at the recrysatallisation temperature
C	above the recrysatallisation temperature
D	working temperature depends upon physical conditions of the work piece

Correct Ans: **A**

Itemcode : **LH1026**

Q26: Given that $\vec{P} + \vec{Q} = \vec{R}$ and also P = Q = R. Then the angle between vectors $\vec{P}$ and $\vec{Q}$ is

A	0
B	$\frac{\Pi}{3}$
C	$\frac{2\Pi}{3}$
D	P

Correct Ans: **C**

Itemcode : **LH1027**

Q27: The control gear to epicylic gear unit is called

A	planet gear
B	sun gear
C	ring gear
D	internal gear

Correct Ans: **B**

Itemcode : **LH1028**

Q28: For successful extrusion, the metal should be

A	ductile
B	malleable
C	plastic
D	tough

Correct Ans: **A,C**

Itemcode : **LH1029**

Q29: In metals subjected to cold working, strain hardening effect is due to _____ mechanism.

A	slip
B	twinning
C	dislocation
D	fracture

Correct Ans: **C**

Itemcode : **LH1030**

Q30: A sheet of metal is being cut along its length in a straight line. Such a cutting operation is called

A	parting
B	lancing
C	crimping
D	slitting

Correct Ans: **D**

Itemcode : **LH1031**

Q31: The process of cutting a flat sheet to the desired shape is known as

A	blanking
B	trimming
C	stamping
D	piercing

Correct Ans: **A**

Itemcode : **LH1032**

Q32: In deep drawing of sheets, the value of limiting draw ratio depends on

A	percentage elongation of sheet metal
B	yield strength of sheet metal
C	type of press used
D	thickness of sheet

Correct Ans: **A,B**

Itemcode : **LH1033**

Q33: Copper sheets are manufactured by

A	drawing
B	rolling
C	extruding
D	hammering

Correct Ans: **B**

Itemcode : **LH1034**

Q34: In drop forging, forging is done by dropping

A	the work piece at high velocity
B	the hammer at high velocity
C	the die with hammer at high velocity
D	a weight on hammer to produce the requisite impact

Correct Ans: **C**

Itemcode : **LH1035**

Q35: A system of three forces acts on a body and keeps it in equilibrium. The forces need to be:

A	coplanar only
B	concurrent only
C	coplanar as well as concurrent
D	coplanar but may or may not be concurrent

Correct Ans: **C**

Itemcode : **LH1036**

Q36: Which is the false statement in relation to propeller shaft?

A	it transmits the drive from the gear box to the rear axle in front engine, rear drive vehicles
B	a long propeller shaft tends to sag and whirl
C	shaft length may be decreased by using a divided propeller shaft supported by intermediate bearings
D	decreasing the shaft length to half would decrease the critical speed two times

Correct Ans: **D**

Itemcode : **LH1037**

Q37: The extrusion process used for the production of tooth paste tube is/are

1. Tube extrusion
2. Forward extrusion
3. Impact extrusion

Select the correct answer using the codes given below:

A	1 only

B	1 and 2
C	2 and 3
D	3 only

Correct Ans: **D**

Itemcode : **LH1038**

Q38: In sheet metal working, shear is provided on punches and dies so that

A	press load is reduced
B	good cut edge is obtained
C	warping of sheet is minimized
D	cut blanks are straight

Correct Ans: **A**

Itemcode : **LH1039**

Q39: The automobile gears are generally made of

A	cast iron
B	mild steel
C	alloy steel
D	cast steel

Correct Ans: **C**

Itemcode : **LH1040**

Q40: Which is the false statement about a torque converter?

A	the blades have a curved shape
B	the oil is driven by the impeller unit
C	the stator unit redirects the flow of oil to the impeller
D	maximum torque multiplication occurs at low speed

Correct Ans: **D**

Itemcode : **LH1041**

Q41: A universal joint allows the propeller shaft to

A	change inclination
B	change length
C	bend side ways
D	transfer torque at an angle

Correct Ans: **D**

Itemcode : **LH1042**

Q42: The process of putting a rod though several dies of decreasing diameter is known as

A	rolling
B	stretch forming
C	trimming
D	wire drawing

Correct Ans: **D**

Itemcode : **LH1043**

Q43: Which of the following methods can be used for manufacturing 2 m long seamless metallic tubes?

(1) Drawing
(2) extrusion
(3) rolling
(4) spinning

Select the correct answer using the codes given below

A	1 and 3
B	2 and 3
C	1, 3 and 4
D	2, 3 and 4

Correct Ans: **B**

Itemcode : **LH1044**

Q44: Which aspect is not true regarding a universal joint?

A	the speed of the driven shaft does not remain uniform
B	the speed of driven shaft undergoes linear variation
C	the magnitude of variation in the speed of driven shaft becomes considerable for large angle of inclination
D	the constant velocity universal joints are much costlier and complicated in construction

Correct Ans: **B**

Itemcode : **LH1045**

Q45: In order to get uniform thickness of the plate by rolling process, one provides

A	offset on the rolls
B	camber on the rolls
C	antifriction bearings
D	hardening of the rolls

Correct Ans: **B**

Itemcode : **LH1046**

Q46: The refrigerant Freon-12 belongs to the family of

A	methanes
B	ethanes
C	ketones

D	Aldehydes

Correct Ans: **A**

Itemcode : **LH1047**

Q47: The property of a material by which it can be rolled into sheets is called

A	elasticity
B	plasticity
C	ductility
D	malleability

Correct Ans: **D**

Itemcode : **LH1048**

Q48: Which aspect is not correct in the context of manual transmission; conventionally called gear boxes ?

A	simplicity of design
B	high friction losses
C	low initial cost
D	lot of fatigue to driver in operation

Correct Ans: **B**

Itemcode : **LH1049**

Q49: Which one is the wrong statement about forging?

A	are uniform in density as well as in dimensions
B	have high ductility and strength
C	offer great resistance to fatigue and impact loads
D	are less reliable

Correct Ans: **D**

Itemcode : **LH1050**

Q50: The resultant of two forces P and Q is R. If one of the forces is reversed in direction, the resultant is S. Then for the identity $R^2 + S^2 = 2 (P^2 + Q^2)$ to hold good,

A	forces are collinear
B	forces act at right angles to each other
C	forces are inclined at 60° to each other
D	forces can have any angle of inclination between them

Correct Ans: **B**

Itemcode : **LH1051**

Q51: Which process involves increasing of the cross-sectional area by pressing or hammering in a direction parallel to the original ingot axis?

A	peening

B	swaging

C	upsetting

D	setting down

Correct Ans: **C**

Itemcode : **LH1052**

Q52: The speed of particle executing simple harmonic motion with amplitude a is half of the maximum speed. At that instant, displacement of the particle is

A	a/2

B	$\sqrt{3}/2\,a$

C	$2a/\sqrt{3}$

D	$3\sqrt{2}/a$

Correct Ans: **B**

Itemcode : **LH1053**

Q53: Identify the process in which the metal is shaped by intermittent blows on it

A	hammering

B	peening

C	parkerising

D	swaging

Correct Ans: **A,D**

Itemcode : **LH1054**

Q54: The piston of a steam engine executes simple harmonic motion when the crank rotates with 4Π rad/sec with a stroke of 2 m. At a certain instant, the piston is at a distance of 0.5 m from the mean position. The acceleration of the piston is

A	$2\Pi^2$

B	$4\Pi^2$

C	$8\Pi^2$

D	$16\Pi^2$

Correct Ans: **C**

Itemcode : **LH1055**

Q55: The maximum speed of the bob of a seconds pendulum is stated to be 1 m/s. Its maximum acceleration would be

A	1.57 m/s^2

B	3.14 m/s^2

C	5.62 m/s^2

D	6.48 m/s^2

Correct Ans: **B**

Itemcode : **LH1056**

Q56: Which is not true in the context of the free wheel clutch ?

A	simplified gear changing at low speeds
B	transmission subjected to greater wear and tear
C	effective use of brakes needed to stop the vehicle on a downward slope
D	appreciable saving in fuel on long downward slope

Correct Ans: **B**

Itemcode : **LH1057**

Q57: A pendulum is made of a hollow sphere of negligible mass and having a small hole in the bottom. The pendulum is made to vibrate after filling it with water. As the water gradually flows out of the hole, the time period of the pendulum will

A	increase
B	decrease
C	may increase or decrease
D	remain unchanged

Correct Ans: **A**

Itemcode : **LH1058**

Q58: Trimming is the process associated with

A	electroplating
B	ultrasonic machining
C	forging
D	tungsten-inert gas welding

Correct Ans: **C**

Itemcode : **LH1059**

Q59: Measurements have been made for the Young's modulus of elasticity for mild steel specimen both in tension and compression. The ratio E_t / E_c will be approximately equal to

A	0.5
B	0.75
C	1.0
D	1.25

Correct Ans: **C**

Itemcode : **LH1060**

Q60: Which of the following materials has a non-linear stress-strain curve?

A	low carbon steel
B	copper
C	aluminium
D	rubber

Correct Ans: **D**

Q61: When mild steel is subjected to tensile loading, its fracture will conform to

A	star shape
B	granular shape
C	fibrous type
D	cup and cone shape

Correct Ans: **D**

Q62: When a cast iron specimen is tested in compression, the fracture occurs

A	along an oblique plane
B	along the axis of load
C	perpendicular to the axis of load
D	there is no fracture at all

Correct Ans: **A**

Q63: Which one of the following mechanical properties is provided by the Notched bar test?

A	hardness
B	resilience
C	impact strength
D	endurance limit

Correct Ans: **C**

Q64: The charpy test is conducted to measure

A	toughness
B	creep strength
C	fatigue strength
D	elastic strength of a material

Correct Ans: **A**

Q65: Pick the odd one out

A	stiffness
B	resilience
C	endurance limit
D	elastic strength

Correct Ans: **C**

Itemcode : **LH1066**

Q66: Brinell number of a metal or an alloy is a measure of its

A	tensile strength
B	toughness
C	malleability
D	hardness

Correct Ans: **D**

Itemcode : **LH1067**

Q67: All of the following statements are correct, except

A	A material that undergoes no deformation till its yield point, but thereafter flows at a constant stress is known as rigid plastic
B	The limit of proportionality and the point of elastic limit coincide for ductile materials
C	An elastic material recovers fully after unloading but not instantaneously
D	A zero value of the Young's modulus of elasticity implies that the material is highly elastic

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

Itemcode : **LH1068**

Q68: Identify the materials which have identical properties in all dimensions

A	homogeneous
B	isotropic
C	orthotropic
D	visco elastic

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

Itemcode : **LH1069**

Q69: Which one of the properties given below is an intensive property of the system?

A	composition
B	volume
C	kinetic energy
D	entropy

Correct Ans: **A**

Itemcode : **LH1070**

Q70: The deformation per unit length in the direction of load is called

A	lateral strain
B	shear strain
C	linear or longitudinal strain
D	volumetric strain

Correct Ans: **C**

Itemcode : **LH1071**

Q71: The coefficient of friction for the clutch facings is approximately

A	1.0
B	0.75
C	0.4
D	0.1

Correct Ans: **C**

Itemcode : **LH1072**

Q72: Which is true in respect of clutch plate and engine flywheel in an automobile ?

A	the clutch plate gets connected to the flywheel when the driver presses the clutch pedal
B	the clutch plate gets disconnected when the clutch pedal is pressed
C	clutch plate is always connected to the flywheel
D	the clutch plate always remains disconnected from the flywheel

Correct Ans: **B**

Itemcode : **LH1073**

Q73: The tilt of the car wheels from the vertical is called

A	castor
B	camber
C	slip angle
D	steering axis inclination

Correct Ans: **B**

Itemcode : **LH1074**

Q74: The brake bleeding system serves to free the system from

A	air
B	excess pressure
C	excess fluid
D	vacuum

Correct Ans: **A**

Itemcode : **LH1075**

Q75: A system and its environment put together constitute

A	an adiabatic system
B	an isolated system
C	a segregated system
D	a homogeneous system

Correct Ans: **B**

Itemcode : **LH1076**

Q76: Stress represents the

A	external force acting on the body
B	pressure setup within the body material
C	force by which the material of the body opposes the deformation
D	resistance per unit area to deformation by internal forces

Correct Ans: **D**

Itemcode : **LH1077**

Q77: A fluid is a substance that

A	is practically incompressible and inviscid (non-viscous)
B	cannot be subjected to shear forces
C	cannot remain at rest under the action of any shear force
D	always expands until it fills any container

Correct Ans: **C**

Itemcode : **LH1078**

Q78: Which aspect is not true in related to process layout?

A	flexibility of equipment and personnel
B	Product planning and control is difficult and costly
C	Handling and back-tracking of material is too much
D	Specialized and strict supervision is required

Correct Ans: **D**

Itemcode : **LH1079**

Q79: When subjected to shear force, a fluid

A	deforms continuously only for large shear forces
B	deforms continuously only for large shear stress
C	deforms continuously no matter how small the shear stress may be

D	undergoes static deformation

Correct Ans: **C**

Itemcode : **LH1080**

Q80: For a practical petrol engine working on Otto cycle, the compression ratio usually lies in the range

A	3 – 5
B	6 – 8
C	10 – 15
D	16 - 22

Correct Ans: **B**

Itemcode : **LH1081**

Q81: Which of the following is correct about the river Ravi?

    (i) It is fed by the glacier Bara Banghal.

    (ii) The Jalal river is one of its tributaries.

    (iii) It flows mostly in Kinnaur and Chamba.

    (iv) Its total length in Himachal Pradesh is about 450 miles.

A	(i) & (iv).
B	(iii) & (ii).
C	(i) only.
D	(iii) only.

Correct Ans: **C**

Itemcode : **LH1082**

Q82: Find out the correct match of the following passes with the regions they connect:

    (i) Padri Pass – (a) Chamba and Kangra.

    (ii) Sari Galu – (b) Kullu and Kangra.

    (iii) Shinka – (c) Kinnaur and Garhwal.

    (iv) Chauri – (d) Chamba and Jammu.

A	(i) – (d); (ii) – (b); (iii) – (c); (iv) – (a).
B	(ii) – (a); (i) – (c); (iii) – (d); (iv) – (b).
C	(iii) – (b); (iv) – (d); (i) – (a); (ii) – (c).
D	(iv) – (c); (iii) – (a); (ii) – (b); (i) – (d).

Correct Ans: **A**

Itemcode : **LH1083**

Q83: Identify the three districts of Himachal Pradesh which had the highest literacy rate in 2011:

A	Hamirpur, Una & Shimla.

B	Hamirpur, Una & Kangra.
C	Hamirpur, Solan & Shimla.
D	Hamirpur, Solan & Una.

Correct Ans: **B**

Itemcode : **LH1084**

Q84: During which Five-Year Plan, the Integrated Tribal Development Projects were constituted?

A	First Five Year Plan.
B	Third Five Year Plan.
C	Fourth Five Year Plan.
D	Fifth Five Year Plan.

Correct Ans: **D**

Itemcode : **LH1085**

Q85: Identify the total amount proposed in the Annual Plan Budget for 2020-21 in Himachal Pradesh:

A	Rs. 6700 Crore.
B	Rs. 7900 Crore.
C	Rs. 7500 Crore.
D	Rs. 8200 Crore.

Correct Ans: **B**

Itemcode : **LH1086**

Q86: Which of the following is true about the peasants holding above 10 hectares of land as per the Agriculture Census of 2010-11?

(i) Below One p.c.

(ii) Above One p.c.

(iii) Above Two p.c.

(iv) About Three p.c.

A	(i) only.
B	(iii) only.
C	(ii) and (iv) only.
D	(iv) only.

Correct Ans: **A**

Itemcode : **LH1087**

Q87: The ballet and opera, known as Sih and Buraare the source of recreations of the people of which area of Himachal Pradesh.

A	Pangi and Bharmour of Chamba district.
B	Keylong and Spiti.

C	Naggar and Manali Valley.
D	Jubbal and Rohru Valleys of Shimla.

Correct Ans: **D**

Itemcode : **LH1088**

Q88: Which of the following is true about the Beti Hai Anmol Yojna?

(i) It provides a post-birth grant of Rs. 12000 and free education upto graduation to one girl child of BPL families.

(ii) Besides a post-birth grant of Rs. 12000, it provides free education upto graduation to two girl children of BPL families.

(iii) A post-birth grant of Rs. 12000, and free education to one girl child upto graduation to BPL families having annual income below Rs. 30000 per annum.

(iv) It provides free education to all Scheduled Caste girls and a grant of Rs. 15000 per year.

A	(i) and (ii).
B	(iii) and (iv).
C	(i) only.
D	(ii) only.

Correct Ans: **D**

Itemcode : **LH1089**

Q89: The rulers of which Punjab Hill States did not help the British army in its war with the Gurkhas?

A	Nalagarh.
B	Bashahr.
C	Keonthal
D	Jubbal.

Correct Ans: **C**

Itemcode : **LH1090**

Q90: Which is not correct about the effect of climate change on the Water Resources of Himachal Pradesh:

A	Some perennial rivers have become seasonal ones.
B	Above 90% of glaciers are completely extinct now.
C	The riverain ecology is affected.
D	The global warming has affected Himachal Pradesh adversely.

Correct Ans: **B**

Itemcode : **LH1091**

Q91: The Palk Strait divides India from:

A	Myanmar.
B	China.
C	Thailand.
D	Sri Lanka.

Correct Ans: **D**

Itemcode : **LH1092**

Q92: Which of the following is correct about the Indian economy becoming $ 5 trillion in the next six years, i.e. by 2026-27?

(i) If it grows at an annual average of 8.6% during the next six years.

(ii) If it grows at an annual average of 11.6% during the next six years.

(iii) Only if it grows at an annual average of 8.8% during the next six years.

(iv) Only if it grows at an annual average of 7.6% during the next six years.

A	(iii) only.
B	(ii) only.
C	(i) & (iii).
D	(ii) & (iv).

Correct Ans: **B**

Itemcode : **LH1093**

Q93: The Chief Election Commissioner of India is:

A	Sushil Chandra.
B	Sunil Arora.
C	V.S. Ramadevi.
D	M.S. Gill.

Correct Ans: **A**

Itemcode : **LH1094**

Q94: Which of the following Constitutional Amendment reduced the age of voting rights from 21 to 18 years?

(i) 97th Amendment.

(ii) 51st Amendment.

(iii) 61st Amendment.

(iv) 71st Amendment.

A	(i) & (ii).
B	(iii) & (iv).
C	(iii) only.
D	(ii) only.

Correct Ans: **C**

Itemcode : **LH1095**

Q95: Find out the correct match of the following Indian Dancers' association with the Indian Classical Dances:

(i) Sonal Man Singh – (a) Kathakali.

(ii) Birju Maharaj – (b) Bharatnatyam.

(iii) Udai Shankar – (c) Kathak.

(iv) Nirmala Mehta – (d) Manipuri.

A	(i) – (b); (ii) – (c); (iii) – (a); (iv) – (d).
B	(i) – (d); (ii) – (b); (iii) – (c); (iv) – (a).
C	(ii) – (c); (iii) – (a); (iv) – (d); (i) – (b).
D	(iv) – (b); (ii) – (d); (iii) – (a); (i) – (c).

Correct Ans: **A,C**

Itemcode : **LH1096**

Q96: For which following disease, the Nobel Prize in Physiology or Medicine was awarded to three Scientists in 2020?

A	For the discovery of Ebola Virus.
B	For making a big break-through in cancer research.
C	For the discovery of Hepatitis C. Virus.
D	For the discovery of Chikengunia Virus.

Correct Ans: **C**

Itemcode : **LH1097**

Q97: Which of the following is true about the Universal Declaration of Human Rights?

(i) It was adopted by the U.N. General Assembly on December 10, 1948.

(ii) The U.N. General Assembly adopted it on November 10, 1948.

(iii) It was adopted, despite the dissent of a few States.

(iv) It was adopted without any dissent of a State.

A	(ii), (iii).
B	(i), (iv).

C	(iii), (i).
D	(iv), (ii).

Correct Ans: **B**

Itemcode : **LH1098**

Q98: Which of the following is true about the Yalta Conference?

A	It was convened after the end of the Second World War to decide the future scenario after the defeat of Germany.
B	The USA was represented by its President H. Truman in it.
C	Britain was represented by its Prime Minister W. Churchill.
D	Soviet Union was represented by Lenin.

Correct Ans: **C**

Itemcode : **LH1099**

Q99: Which of the following date is celebrated as the International Day for the Preservation of the Ozone layer?

A	September 16.
B	September 20.
C	September 12.
D	September 18.

Correct Ans: **A**

Itemcode : **LH1100**

Q100: What is the "Seismic Region"?

A	A region connected with earthquakes.
B	A region free of earthquake.
C	A region which has not witnessed many earthquakes.
D	A region frequented by cyclones.

Correct Ans: **A**