QUESTION PAPER Technical Assistant (Para Medical) - Radiographer [SHIFT - 1]

Exam Date : 06/09/2023

Time : 09:30 AM - 12:30 PM

SECTION 1

Question 1	Question Id : 1
S. I. unit for Radioactivity is Answer :	Option Id
(A) Air Kerma	1001
(B) Gray	1002
(C) Sievert	1003
(D) Becquerel	1004
	1004
Right Answer : Becquerel	Right Option Id: 1004
Becquerei	
Question 2 ISOBARS are:	Question Id: 24
Answer:	Option Id
(A) same atomic numbers & atomic weight	24001
(B) same atomic number but different number of K-shell electrons	24002
(C) same atomic weight but different number of L-shell electrons	24003
(D) same atomic mass but different atomic numbers	24004
Right Answer : same atomic mass but different atomic numbers	Right Option Id : 24004
Question 3	Question ld : 25
Which of the following is paramagnetic substance?	
Answer: (A) Glass	Option Id
	25001
(B) Gadolinium	25001
(B) Gadolinium	25002
(B) Gadolinium (C) Nickel (D) Water	25002 25003 25004
(B) Gadolinium (C) Nickel	25002 25003
(B) Gadolinium (C) Nickel (D) Water Right Answer:	25002 25003 25004
(B) Gadolinium (C) Nickel (D) Water Right Answer:	25002 25003 25004
(B) Gadolinium (C) Nickel (D) Water Right Answer: Gadolinium	25002 25003 25004 Right Option Id : 25002
(B) Gadolinium (C) Nickel (D) Water Right Answer: Gadolinium Question 4 Transformer with turns ratio < 1 is called?	25002 25003 25004 Right Option Id : 25002
(B) Gadolinium (C) Nickel (D) Water Right Answer: Gadolinium Question 4 Transformer with turns ratio < 1 is called? Answer:	25002 25003 25004 Right Option Id : 25002 Question Id : 26 Option Id 26001
(B) Gadolinium (C) Nickel (D) Water Right Answer: Gadolinium Question 4 Transformer with turns ratio < 1 is called? Answer: (A) step-up transformer	25002 25003 25004 Right Option Id : 25002 Question Id : 26 Option Id 26001 26002
(B) Gadolinium (C) Nickel (D) Water Right Answer: Gadolinium Question 4 Transformer with turns ratio < 1 is called? Answer: (A) step-up transformer (B) step-down transformer (C) step-equal transformer	25002 25003 25004 Right Option Id : 25002 Question Id : 26 Option Id 26001 26002 26003
(B) Gadolinium (C) Nickel (D) Water Right Answer: Gadolinium Question 4 Transformer with turns ratio < 1 is called? Answer: (A) step-up transformer (B) step-down transformer	25002 25003 25004 Right Option Id : 25002 Question Id : 26 Option Id 26001 26002

Question 5	Question Id : 27
Radiation quality refers to which of the following? Answer :	Option Id
A) intensity of X-ray beam	27001
B) penetrability of X-ray beam	27002
C) cost of X-ray beam	27003
D) colour of X-ray beam	27004
t ight Answer : enetrability of X-ray beam	Right Option Id : 27002
Question 6 Which of the following is used as target material in X-ray tube?	Question Id: 28
Answer:	Option Id
A) Sodium	28001
B) Aluminium	28002
C) Copper	28003
D) Tungsten	28004
Right Answer :	Right Option Id : 28004
ungsten	
Question 7	Question Id : 32
he characteristic curve of a radiographic screen-film image receptor is	Option Id
A) the graphic relationship between optical density (OD) and radiation exposure	32001
3) the graphic relationship between optical density (OD) and film density	32002
C) the graphic relationship between optical density (OD) and film magnification	32003
D) the graphic relationship between optical density (OD) and radiation storage	32004
light Answer :	Right Option Id : 32001
he graphic relationship between optical density (OD) and radiation exposure	
Question 8	Question Id : 30
/hich is a beam restrictor? nswer :	Option Id
A) Aperture diaphragm	30001
3) Brick	30002
C) Film	30003
D) Screen	30004
	30004

Right Option Id: 26002

Right Answer:

Question 9	Question Id: 31
Scatter radiation is reduced by using which of the following? Answer:	Option Id
(A) Transformer	31001
(B) Generator	31002
(C) Photo timers	31003
(D) Grids	31004
	31004
Right Answer : Grids	Right Option ld : 31004
Question 10 Base of radiographic film is made of which among the following substances?	Question ld : 23
Answer:	Option Id
(A) Polyester	23001
(B) Gelatin	23002
(C) Silver bromide	23003
(D) Tungsten	23004
Right Answer: Polyester	Right Option Id : 23001
Question 11	Question ld : 33
Production of visible image from latent image is called Answer :	Option Id
(A) Wetting	33001
(B) Developing	33002
(C) Fixing	33003
(D) Drying	33004
Right Answer: Developing	Right Option ld : 33002
Question 12	Question ld : 35
Radiolucent pathology is used for which of the following? Answer:	Option Id
(A) Emphysema	35001
(B) Ascites	35002
(C) Pleural effusion	35003
(D) Pneumonia	35004
Right Answer : Emphysema	Right Option ld : 35001
Question 13	Question ld : 40
Transfer of images and patient's reports to remote sites is known by which among the following names? Answer:	Option Id
(A) Telecommunication	40001

	40002
(C) Teletherapy	40003
(D) Teleradiology	40004
Right Answer : Teleradiology	Right Option Id : 40004
tallallotogy	
Question 14 Name of Auditory ossicles are:	Question ld : 39
Answer:	Option Id
(A) Malleus, incus, shaves	39001
(B) Molar, inert, shaves	39002
(C) Molar, inert	39003
(D) Malleus, incus, stapes	39004
Right Answer : Malleus, incus, stapes	Right Option Id : 39004
Question 15	Question Id : 38
Which of the following are Components of Quality control program?	
Answer: (A) Purchasing, Selling	Option Id
	38001
(B) Acceptance testing, Routine performance and monitoring, Maintenance	38002
(C) Patient's advice, Attendant's advice	38003
(D) Research, Review and development	38004
Pight Anguar	Pight Ontion Id - 28002
Right Answer: Acceptance testing, Routine performance and monitoring, Maintenance	Right Option Id : 38002
	Right Option Id : 38002
Acceptance testing, Routine performance and monitoring, Maintenance	
Acceptance testing, Routine performance and monitoring, Maintenance Question 16 Total number of carpal bones in human body are	Question Id : 34
Acceptance testing, Routine performance and monitoring, Maintenance Question 16	Question Id : 34 Option Id
Question 16 Total number of carpal bones in human body are Answer: (A) 8	Question Id : 34 Option Id 34001
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14	Question Id : 34 Option Id 34001 34002
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16	Question Id : 34 Option Id 34001
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14	Question Id : 34 Option Id 34001 34002
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12	Question Id : 34 Option Id 34001 34002 34003 34004
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16	Question Id : 34 Option Id 34001 34002 34003
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer:	Question ld : 34 Option ld 34001 34002 34003 34004
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer:	Question ld : 34 Option ld 34001 34002 34003 34004
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer: 16 Question 17 CT number of zero indicates:	Question Id : 34 Option Id 34001 34002 34003 34004 Right Option Id : 34003
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer: 16	Question Id : 34 Option Id 34001 34002 34003 34004 Right Option Id : 34003 Question Id : 36 Option Id
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer: 16 Question 17 CT number of zero indicates: Answer:	Question Id : 34 Option Id 34001 34002 34003 34004 Right Option Id : 34003 Question Id : 36 Option Id 36001
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer: 16 Question 17 CT number of zero indicates: Answer: (A) Air (B) Water	Question Id : 34 Option Id 34001 34002 34003 34004 Right Option Id : 34003 Question Id : 36 Option Id 36001 36002
Question 16 Total number of carpal bones in human body are Answer: (A) 8 (B) 14 (C) 16 (D) 12 Right Answer: 16 Question 17 CT number of zero indicates: Answer: (A) Air	Question Id : 34 Option Id 34001 34002 34003 34004 Right Option Id : 34003 Question Id : 36 Option Id 36001

	36004
ight Answer : later	Right Option Id : 36002
estion 18	Question ld : 37
COM stands for which of the following? nswer :	Option Id
) Delicate imaging and comprehension	37001
Dual imaging and comprehension	37002
Digital imaging and communication	37003
Direct imaging and communication	37004
ght Answer : gital imaging and communication	Right Option Id : 37003
uestion 19	Question Id : 29
diation induced cataract occurs in which part of a human eye? nswer:	Option Id
) Anterior pole of lens	29001
) Posterior pole of lens	29002
) Superior pole of lens	29003
) Inferior pole of lens	29004
ight Answer : osterior pole of lens	Right Option Id : 29002
restion 20 Iline view in radiology is used for which of the following?	Question Id : 22
nswer:	Option Id
Clavicle	22001
Mandible	22002
Patella	22003
) Calcaneus	22004
ight Answer : atella	Right Option Id : 22003
uestion 21 ne Swimmers view in X-ray is done for which of the following?	Question ld : 2
nswer:	Option Id
Cervical spine	2001
Dorsal spine	2002
Lumbar spine	2003
o) Sacral spine	2004

Question 22	Question ld : 20
Which of the following is largely used as radiation detector in optically stimulated luminescence dosimetry? Answer:	Option Id
(A) LiF	20001
(B) NaCl	20002
(C) Al ₂ O ₃	20003
(D) KI	20004
Right Answer : Al ₂ O ₃	Right Option Id : 20003
Question 23	Question ld: 3
Most radiosensitive period during pregnancy is	
Answer: (A) 1st trimester	Option Id
(B) 2 nd trimester	3001
	3002
(C) 3 rd trimester	3003
(D) 4 th trimester	3004
Right Answer :	Right Option Id : 3001
1 st trimester	Right Option id : 5001
Question 24	Question Id : 21
Identify the main stays of cerebral imaging. Answer:	Option Id
(A) Magnetic Resonance Imaging (MRI) and Cerebral Angiogram	21001
(B) Computed Tomography (CT) and X Ray	21002
	21002
(C) Magnetic Resonance Imaging (MRI) and X Ray	21002
	21003
(C) Magnetic Resonance Imaging (MRI) and X Ray (D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI)	21003 21004
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer:	
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI)	21004
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer:	21004
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI)	21004
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer:	21004 Right Option Id : 21004
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph.	21004 Right Option Id : 21004 Question Id : 4
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer:	21004 Right Option Id : 21004 Question Id : 4 Option Id
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer: (A) colour	Question Id : 4 Option Id 4001
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer: (A) colour (B) size	21004 Right Option Id : 21004 Question Id : 4 Option Id 4001 4002
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer: (A) colour (B) size (C) fracture (D) weight	21004 Right Option Id : 21004 Question Id : 4 Option Id 4001 4002 4003 4004
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer: (A) colour (B) size (C) fracture	21004 Right Option Id : 21004 Question Id : 4 Option Id 4001 4002 4003
(D) Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Right Answer: Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) Question 25 Select the most important requirement for interpretation of skull radiograph. Answer: (A) colour (B) size (C) fracture (D) weight Right Answer:	21004 Right Option Id : 21004 Question Id : 4 Option Id 4001 4002 4003 4004

Question 26 Question Id: 5

Identify the following plane divides the body into an anterior part and a posterior part.

Answer:

Option Id

(A) Median sagittal plane	5001
(B) Transverse	5002
(C) Axial plane	5003
(D) Coronal plane	5004
Right Answer : Coronal plane	Right Option Id : 5004
Question 27	Question Id : 6
Radiographic film density is defined as the amount of on the processed radio Answer :	ograph. Option Id
(A) whiteness	6001
(B) blackness	6002
(C) colourless	6003
(D) redness	6004
Right Answer : blackness	Right Option Id : 6002
Question 28 Aname the filter that provides improved visualization of soft tissues on the super	
Answer : (A) Wedge	Option Id
(B) Trough	7001
(C) Boomerang	7002
(D) others	7003
(D) others	7004
Right Answer : Boomerang	Right Option Id : 7003
Question 29	Question Id: 8
What is the optimal size of a grid generally used for radiography of any body pa Answer :	option Id
(A) thicker than 40 cm	8001
(B) thicker than 30 cm	8002
(C) thicker than 20 cm	8003
(D) thicker than 10 cm	8004
Right Answer : thicker than 10 cm	Right Option Id : 8004
Question 30	Question Id: 9
Beneficence in radiation technology means: Answer :	Option Id
(A) the active doing of good	9001
(B) truth-telling	9002
(C) independent learning	

	9003
(D) Justice	9004
Right Answer: the active doing of good	Right Option Id : 9001
Question 31	Question Id : 10
Who discovered X-rays and when? Answer:	Option Id
(A) Wilhelm Roentgen in 1897	10001
(B) Wilhelm Roentgen in 1895	10002
(C) William Crookes in 1897	10003
(D) William Crookes in 1895	
	10004
Right Answer: Wilhelm Roentgen in 1895	Right Option Id : 10002
Question 32 The percentage of voltage ripple produced by 3 phase 12 pulse power is :	Question ld: 11
Answer:	Option Id
(A) 100	11001
(B) 14	11002
(C) 4	11003
(D) 1	11004
Right Answer:	Right Option Id : 11003
Question 33 What is developmental anatomy?	Question Id : 12
Answer:	Option Id
(A) study of the prenatal developmental changes in an individual	12001
(B) study of structures with the aid of a microscope.	12002
(C) the study of deeper parts of the body in relation to the skin surface	12003
(D) study of the bones and deeper organs by plain and contrast radiography by ultrasound and computerised tomographic (C scans	12004
Right Answer: study of the prenatal developmental changes in an individual	Right Option Id : 12001
Question 34 The intracellular component of body water account for about how much percentage of body weight?	Question ld : 13
Answer:	Option Id
(A) 40	13001
(B) 20	13002
(C) 60	13003
(D) 80	13004

ight Answer:	Right Option ld : 13001
uestion 35	Question Id : 14
ost commonly used material in TLD batch is : nswer :	Option Id
ı) NaCl	14001
) PbS	14002
с) кі	14003
)) LiF	14004
ight Answer :	Right Option ld : 14004
uestion 36 'hich of the following is pathological gas shadow seen in erect abdominal X-ray?	Question Id : 15
nswer : _s) Gas shadow in the fundus of stomach	Option Id
) Gas shadow in the ascending colon	15001
	15002
C) Gas shadow in the rectum	15003
o) Gas shadow under the left dome of diaphragm	15004
ight Answer : as shadow under the left dome of diaphragm	Right Option Id : 15004
uestion 37 ne of the phase contrast imaging methods, which is very good for synchrotron use and high-resolution s	Question Id: 16 studies, it is known by which name?
nswer : ১) Analyzer based imaging	Option Id
	16001
) Grating based imaging	16002
Cycrystal interferometer	16003
c) Crystal interferometer	16003 16004
p) Propagation based imaging ight Answer: rystal interferometer uestion 38	16004
propagation based imaging ight Answer: ystal interferometer uestion 38 hich of the following is Duane-Hunt formula to obtain the X-rat with minimum wavelength? nswer:	16004 Right Option Id : 16003
ight Answer: Tystal interferometer uestion 38 Thich of the following is Duane-Hunt formula to obtain the X-rat with minimum wavelength? Inswer:	Right Option Id : 16003 Question Id : 17
propagation based imaging sight Answer: systal interferometer suestion 38 which of the following is Duane-Hunt formula to obtain the X-rat with minimum wavelength? The same is $\lambda_{min}=rac{hc}{Ve}$	Right Option Id : 16003 Question Id : 17 Option Id
propagation based imaging sight Answer: systal interferometer suestion 38 which of the following is Duane-Hunt formula to obtain the X-rat with minimum wavelength? shower: $\lambda_{min} = \frac{hc}{Ve}$ $\lambda_{min} = \frac{hc}{e}$	16004 Right Option Id : 16003 Question Id : 17 Option Id 17001 17002
propagation based imaging sight Answer: systal interferometer suestion 38 which of the following is Duane-Hunt formula to obtain the X-rat with minimum wavelength? The same is $\lambda_{min}=rac{hc}{Ve}$	16004 Right Option Id : 16003 Question Id : 17 Option Id 17001

$\lambda_{min} = \frac{hc}{}$	
Question 39	Question Id: 18
SID is the one of primary controlling factors of distortion, it stands for which of the following? Answer :	Option Id
A) Small Image Receptor Distance	18001
B) Soft Image Receptor Distance	18002
C) Strong Image Receptor Distance	18003
D) Source Image Receptor Distance	18004
Naht Anguar	Bight Option Id : 19004
ight Answer : ource Image Receptor Distance	Right Option Id : 18004
uestion 40	Question Id : 19
Insformation of heat during the phase change from solid to liquid or from liquid to solid is called? ISWER:	Option Id
) heat of Vaporisation	19001
heat of fusion	19002
) latent heat	19003
) specific heat	19004
ght Answer : ent heat	Right Option Id : 19003
SECTION 2	
uestion 41 verage height of 25 children is 140 cm. If 5 new children joined the class then average height becomes 145 cm. V	Question Id: 42 What is the average height of 5 new
ildren? nswer :	Option Id
) 155 cm	42001
160 cm	42002
) 165 cm	42003
) 170 cm	42004
ght Answer : 0 cm	Right Option Id : 42004
uestion 42 le least number, which when divided by 12, 15, 20 and 54 leaves in each case a remainder of 8 is:	Question Id: 43
nswer:	Option Id
504	43001
536	43002
544	43003
) 548	43004
ight Answer : ¹⁸	Right Option Id : 43004

Right Option Id: 17001

Right Answer:

Question 43	Question Id: 44
Ten years ago, P was half of Q's age. If the ratio of their present ages is 3:4, what will be the total of their present ages? Answer:	Option Id
(A) 45	
(D) 40	44001
(B) 40	44002
(C) 35	44003
(D) 30	44004
	Right Option Id : 44003
35	
Question 44	Question Id: 45
If a seller reduce the selling price of an item from Rs. 400 to Rs. 380, his loss increases by 2%. What is the cost price of the item?	
Answer : (A) Rs. 1000	Option Id
	45001
(B) Rs. 800	45002
(C) Rs. 1200	45003
(D) Rs. 1100	45004
	Right Option Id : 45001
Rs. 1000	
Question 45	Question Id: 46
A man's speed with the current is 15km/hr and the speed of the current is 2.5 km/hr. The man's speed againt the current is:	
Answer : (A) 8.5 km/hr	Option Id
	46001
(B) 10 km/hr	46002
(C) 12.5 km/hr	46003
(D) 9 km/hr	46004
	Right Option Id : 46002
10 km/hr	
Question 46	Question Id: 47
A man can row 4 km/hr in still water. If the river is running at 2 km/hr it takes 90 min to row to a place and back. How far is the	place?
Answer : (A) 2 km	Option Id
	47001
(B) 4 km	47002
(C) 5 km	47003
(D) 2.25 km	47004
	Right Option Id : 47004
2.25 km	

Question 47 Question Id: 48

Akhil took a loan of Rs. 1400 with simple interest for as many years as the rate of interest. If paid Rs.686 as interest at the end of the loan period, what is the rate of interest?

Quarties E1	Quarties Id : 60
Right Answer: 14	Right Option Id : 50002
(D) 35	50004
(C) 21	50003
(B) 14	50002
Answer: (A) 7	Option Id 50001
If three number in the ratio 3:2:5 are such that the sum of their squares is 1862, the middle number will be:	
Question 50	Question Id : 50
175/6	ragit option id . 41001
Right Answer :	Right Option Id : 41001
(D) 174/4	41004
(C) 174/3	41003
(B) 174/6	41002
(A) 175/6	41001
$\left[\frac{1}{2} + \frac{1}{3}\right] \div \left[\frac{2}{5}\left(\frac{3}{6} - \frac{3}{7}\right)\right] = ?$ Answer:	Option Id
Question 49 Simplify: [1 1] [2 (3 3)]	Question ld : 41
Ouestien 40	Occasion III - 44
5	
Right Answer :	Right Option ld : 49001
(D) 8	49004
(C) 6	49003
(B) 4	49002
(A) 5	49001
3.38–1.62 Answer :	Option Id
$\frac{(3.38)^2 - (1.62)^2}{3.38 - 1.62} = ?$	
Question 48 Evaluate:	Question ld: 49
Right Answer:	Right Option Id : 48004
(D) 7%	48004
(C) 4%	48003
(B) 6%	48002
(A) 8%	48001
Answer:	Option Id

Question 51 Question Id: 60

The time taken, in minutes, by Arun to cover a distance of 400 m, if he runs at a speed of 20 km/h is:

Answer:

Option Id

(A) 1 ± mins/ [मनट.	60001
(B) 2 ¹ / ₅ mins/ मिनट.	60002
(C) 1 ² / ₅ mins/ मिनट.	60003
(D) None of these	60004
	B) 1 (B) 1 (B) 2 (B)
Right Answer : 1 ¹ / ₅ mins/ मिनट.	Right Option Id : 60001
5	
Question 52 If the side of a square is increased by 8cm, its area increases by 120 sq.cm., then the side of the square is:	Question Id : 52
Answer:	Option Id
(A) 5 cm	52001
(B) 4.5 cm	52002
(C) 3.5 cm	52003
(D) 3 cm	52004
Pi da A	District One of the Life Faces
Right Answer: 3.5 cm	Right Option Id : 52003
Question 53	Question ld : 53
If $(64)^2$ - $(36)^2$ =20 × X, then the value of X is: Answer :	Option Id
(A) 70	53001
(B) 120	53002
(C) 180	53003
(D) 140	53004
	33004
Right Answer:	Right Option Id: 53004
Question 54 The H.C.F. of two numbers is 8. Which one of the following can never be their L.C.M.?	Question ld : 54
Answer: (A) 24	Option Id
	54001
(B) 48	54002
(C) 56	54003
(D) 60	54004
Right Answer:	Right Option Id : 54004
60	
Question 55 A and B undertake to do a piece of work for rs 600. A alone can do it in 6 days while B alone can do it in 8 days. Wi	Question Id: 55
The share of C is:	
Answer : (A) Rs.125	Option Id 55001
	33001

(B) Rs. 110

(C) Rs. 90							55003
(D) Rs. 75							55004
Right Answer :	:					I	Right Option Id : 55004
second is:	72 km per hour or	n a highway v	vhile B is travel	ling at a speed	d of 25 metres	per second. The difference between	·
Answer: (A) $1\frac{1}{2}$ m/sec							Option Id 56001
(B) 2 m/sec							56002
(C) 3 m/sec							56003
(D) 5 m/sec							56004
Right Answer: 5 m/sec	:					1	Right Option Id : 56004
Question 57							Question Id: 57
percentage of ma	ale and female em	ployees in ac		arch departm		erent companies. In the table we ha	
	Employees	ployees in ac Acc Male	count and rese	arch departm Rese Male	earch Female	erent companies. In the table we ha	
Company A	Employees -	Acc Male	count and rese	Rese Male	earch Female	erent companies. In the table we ha	
Company A B	Employees 450	Acc Male 12	count and rese	Reso Male 9	earch Female 7 13	erent companies. In the table we ha	
Company A B C	Employees - 450 700 550	Acc Male 12 19	Female 14 10 14	Reso Male 9 11	earch Female 7 13 7	erent companies. In the table we ha	
Company A B C	Employees - 450 700 550 600	Acc Male 12 19 28 31	Female 14 10 14 9	Reso Male 9 11 4	earch Female 7 13 7 4	erent companies. In the table we ha	
Company A B C D E	Employees - 450	Accomployees in accomployees i	Female 14 10 14 9 18 nt department	Resolution	earch Female 7 13 7 4 7 gree and 40%	of the employees of the same compa	ve also been given the
Company A B C D E	Employees - 450	Accomployees in accomployees i	Female 14 10 14 9 18 nt department	Resolution	earch Female 7 13 7 4 7 gree and 40%	of the employees of the same compa	ve also been given the
Company A B C D E If 60% of the empdepartment have	Employees - 450	Accomployees in accomployees i	Female 14 10 14 9 18 nt department	Resolution	earch Female 7 13 7 4 7 gree and 40%	of the employees of the same compa	ve also been given the ny in the research Option Id
Company A B C D E If 60% of the empty department have	Employees - 450	Accomployees in accomployees i	Female 14 10 14 9 18 nt department	Resolution	earch Female 7 13 7 4 7 gree and 40%	of the employees of the same compa	ve also been given the
Company A B C D E If 60% of the empth department have Answer: (A) 92	Employees - 450	Accomployees in accomployees i	Female 14 10 14 9 18 nt department	Resolution	earch Female 7 13 7 4 7 gree and 40%	of the employees of the same compa	ony in the research Option Id 57001
Company A B C D E If 60% of the empty department have Answer: (A) 92 (B) 106	Employees - 450	Accomployees in accomployees i	Female 14 10 14 9 18 nt department	Resolution	earch Female 7 13 7 4 7 gree and 40%	of the employees of the same compa	ony in the research Option Id 57001 57002

55002

Question 58 Question Id: 58

There are five companies and we have been given the number of employees working in different companies. In the table we have also been given the percentage of male and female employees in account and research department.

C	Elaa-	Ac	count	Research	
Company	Employees	Male	Female	Male	Female
A	450	12	14	9	7
В	700	19	10	11	13
С	550	28	14	4	7
D	600	31	9	6	4
Е	350	12	18	3	7

department?						
Answer:						Option Id
(A) 5:2						58001
(B) 35 : 11						58002
(C) 13:4						58003
(D) 4:13						58004
Right Answer: 35:11						Right Option Id : 58002
Question 59 There are five corpercentage of ma		_			_	Question Id: 59 Ferent companies. In the table we have also been given the
percentage of the	lie and remaie em	00.00			earch	
Company	Employees	20070020030	Count		Female	
	450	Male	Female	Male		
A	450	12	14	9	7	
В	700	19	10	11	13	
C	550	28	14	4	7	
D	600	31	9	6	4	
Answer:	of account emplo	12 oyees of com	18 pany A is appro	3 eximately wha	7 at percent more	than the total number of research employees of company E? Option Id
(A) 231.21%						59001
(B) 238.54%						59002
(C) 234.29%						59003
(D) 228.67%						59004
Right Answer: 234.29%						Right Option Id : 59003
Question 60 There are five corpercentage of ma	•	-			-	Question Id : 51 Ferent companies. In the table we have also been given the
Company	Employees	200.002.003	count	3	earch	
		Male	Female	Male	Female	
A	450	12	14	9	7	
В	700	19	10	11	13	
C	550	28	14	4	7	
D	600	31	9	6	4	
E	350	12	18	3	7	
company B and D		oyees in acco	unt departmen	t of company	A and C togeth	er to the female employees of research department in
Answer : (A) 208 : 115						Option Id
(A) 208 : 115 (B) 43 : 188						51001
(C) 27 : 187						51002
						51003
(D) None of these						51004
Right Answer :						Right Option Id : 51001

Right Answer: 208:115

What is the ratio of the number of female employees of company B in account department to the number of male employees of company C in research

SECTION 3

Question 61	Question Id: 77
The river Narmada has its source at which among the following places? Answer:	Option Id
(A) Satpura	77001
(B) Brahmagiri	77002
(C) Amarkantak	77003
(D) Slopes of the Western Ghats	77004
Right Answer : Amarkantak	Right Option Id: 77003
Question 62	Question Id: 74
is an Indian classical dance form developed in Kerala.	
Answer: (A) Rouf	Option Id
	74001
(B) Kuchipudi	74002
(C) Mohiniyattam	74003
(D) Bhavai	74004
Right Answer : Mohiniyattam	Right Option Id : 74003
Question 63 Name the gas used for making vegetable ghee from vegetable oil.	Question ld: 75
Name the gas used for making vegetable ghee from vegetable oil. Answer:	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen	
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen (D) Ozone Right Answer:	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen (D) Ozone Right Answer: Hydrogen Question 64 A donut shaped region of icy bodies situated beyond the orbit of Neptune planet is knowns as Answer:	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen (D) Ozone Right Answer: Hydrogen Question 64 A donut shaped region of icy bodies situated beyond the orbit of Neptune planet is knowns as Answer: (A) Vesta	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen (D) Ozone Right Answer: Hydrogen Question 64 A donut shaped region of icy bodies situated beyond the orbit of Neptune planet is knowns as Answer:	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen (D) Ozone Right Answer: Hydrogen Question 64 A donut shaped region of icy bodies situated beyond the orbit of Neptune planet is knowns as Answer: (A) Vesta	Option Id
Name the gas used for making vegetable ghee from vegetable oil. Answer: (A) Oxygen (B) Hydrogen (C) Nitrogen (D) Ozone Right Answer: Hydrogen Question 64 A donut shaped region of icy bodies situated beyond the orbit of Neptune planet is knowns as Answer: (A) Vesta (B) Oort Cloud	Option Id

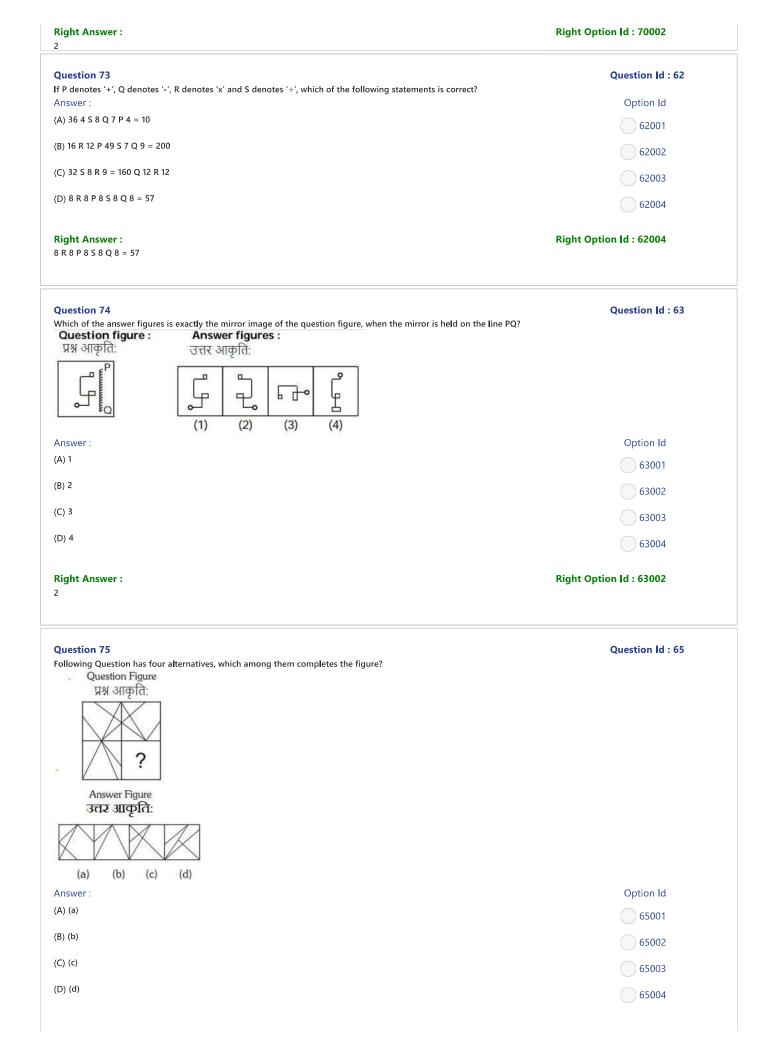
estion 65	Question Id: 73
a Gopinath was the first woman and second Indian to be featured on the "Wall of former Chief Economist" of the	Option Id
World Trade Organisation (WTO)	73001
International Monetary Fund (IMF)	73002
World Bank	73003
United Nations Conference on Trade and Development	73004
	73004
ht Answer : rnational Monetary Fund (IMF)	Right Option Id: 73002
estion 66 method of Impeachment of the President of India was adopted from which foreign country?	Question Id: 78
swer:	Option Id
taly	78001
France	78002
J.S.A.	78003
Canada	78004
ht Answer : A.	Right Option Id : 78003
stion 67 's from which among the following are known as "Golden Fiber"?	Question ld : 79
swer: Tea	Option Id
	79001
otton	79002
lute	79003
iugarcane	79004
ht Answer :	Right Option Id : 79003
stion 68 ntly, India prohibited export of which among the following grain to ensure adequate availability in the Indian market?	Question Id : 80
swer:	Option Id
asmati Rice	80001
Vheat	80002
Aaize	80003
Non-Basmati White Rice	80004
nt Answer : Basmati White Rice	Right Option Id : 80004

Option Id

Answer:

(A) Vietnam

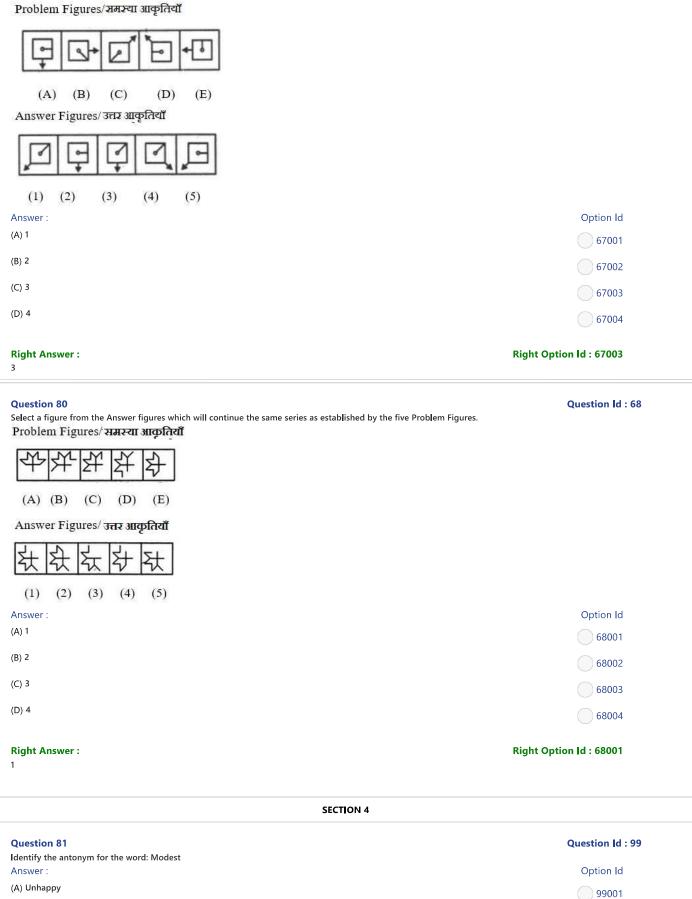
(P) Panua New Guinea	71001
(B) Papua New Guinea	71002
(C) Indonesia	71003
(D) Egypt	71004
Right Answer: Vietnam	Right Option Id : 71001
Question 70 The President of India, Smt Droupadi Murmu inaugurated 'Unmesha' – International Literature Performing Arts at which among the following states of India?	
Answer: (A) Punjab	Option Id
	72001
(B) Maharashtra	72002
(C) Madhya Pradesh	72003
(D) Gujarat	72004
Right Answer: Madhya Pradesh	Right Option Id : 72003
Mrs. Dixa took a taxi to meet her three friends for lunch. They were waiting for her outside the excited to see her friends that she left her bag in the taxi. As the taxi pulled away, she and he would be able to identify the car when they called the taxi company. 1: The four women seem to agree that the plate starts out with the letter J. 2: Three of them agree that the plate ends with 12L.	r friends took notice of the license plate number so they
3: Three of them think that the second letter is X, and a different three think that the third let The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I	Option Id
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer:	Option Id 69001
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 121	Option Id 69001 69002
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 121 (B) JYK 12L (C) JXK 12L	Option Id 69001 69002 69003
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L	Option Id 69001 69002
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 121 (B) JYK 12L (C) JXK 12L	Option Id 69001 69002 69003
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L (C) JXK 12L (D) JXX 12L Right Answer: JXK 12L Question 72 Choose the alternative which closely resembles the right side mirror image of the given word MALAYALAM (1) MALAYALAM (2) MAJAYAJAM	Option Id 69001 69002 69003 69004 Right Option Id: 69003
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L (C) JXK 12L (D) JXX 12L Right Answer: JXK 12L Question 72 Choose the alternative which closely resembles the right side mirror image of the given word MALAYALAM	Option Id 69001 69002 69003 69004 Right Option Id: 69003
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L (C) JXK 12L (D) JXX 12L Right Answer: JXK 12L Question 72 Choose the alternative which closely resembles the right side mirror image of the given word MALAYALAM (1) MALAYALAM (2) MAJAYAJAM (3) WYFYAYFYM (4) MAFAYAFAM	Option Id 69001 69002 69003 69004 Right Option Id : 69003
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L (C) JXK 12L (D) JXX 12L Right Answer: JXK 12L Question 72 Choose the alternative which closely resembles the right side mirror image of the given word MALAYALAM (1) MALAYALAM (2) MAJAYAJAM (3) WYFYAYFYM (4) MAFAYAFAM Answer:	Option Id 69001 69002 69003 69004 Right Option Id: 69003 Question Id: 70 Option Id
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L (C) JXK 12L (D) JXX 12L Right Answer: JXK 12L Question 72 Choose the alternative which closely resembles the right side mirror image of the given word MALAYALAM (1) MALAYALAM (2) MAJAYAJAM (3) WATYAYTAM Answer: (A) 1	Option Id 69001 69002 69003 69004 Right Option Id : 69003 Question Id : 70 Option Id 70001 70002
The four license plate numbers below represent what each of the four women thinks she saw Which one is most likely the license plate number of the taxi? Answer: (A) JXK 12I (B) JYK 12L (C) JXK 12L (D) JXX 12L Right Answer: JXK 12L Question 72 Choose the alternative which closely resembles the right side mirror image of the given word MALAYALAM (1) MALAYALAM (2) MAJAYAJAM (3) WATAXATAM Answer: (A) 1 (B) 2	Option Id 69001 69002 69003 69004 Right Option Id : 69003 Question Id : 70 Option Id 70001



Question 76 Which of the following diagram represents relationship among the given elements in a much logical way. Answer: (A) Cup, glass, dish (B) Man, woman, child (C) Electronics, LED TV, House (D) Vegetable, fruit, green Right Answer: Electronics, LED TV, House
(A) Cup, glass, dish (B) Man, woman, child (C) Electronics, LED TV, House (D) Vegetable, fruit, green (Eight Answer: (B) Man, woman, child (E) 64002 (C) Electronics, LED TV, House (E) 64003 (E) Right Option Id: 64003
(A) Cup, glass, dish (B) Man, woman, child (C) Electronics, LED TV, House (D) Vegetable, fruit, green (Eight Answer: (B) Man, woman, child (E) 64002 (C) Electronics, LED TV, House (E) 64003 (E) Right Option Id: 64003
(B) Man, woman, child (C) Electronics, LED TV, House (D) Vegetable, fruit, green (E) Right Answer: (B) Man, woman, child (C) Electronics, LED TV, House (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (B) Man, woman, child (C) Electronics, LED TV, House (E) Man, woman, child (E) Man, woman, c
(C) Electronics, LED TV, House (D) Vegetable, fruit, green (Eight Answer: Right Option Id: 64003
(D) Vegetable, fruit, green 64004 Right Answer: Right Option Id: 64003
Right Answer: Right Option Id: 64003
Question 77 Question Id : 61
If 'when' means 'x', 'you' means '+', 'come' means '-' and 'will' means '+', then what will be the value of "8 when 12 will 16 you 2 come 10"? Answer: Option Id
(A) 70 61001
(B) 80 61002
(C) 94
(D) 97
Right Answer: Right Option Id: 61003
94
Question 78 Question Id: 66 Identify the figure that completes the pattern.
经图
× 2
(X) (1) (2) (3) (4)
Answer: (A) 1 66001
(B) 2 66002
(C) 3 66003
(D) 4 66004
Right Answer: Right Option Id: 66004
Right Answer: Right Option ia: 66004

Right Option Id: 65002

Right Answer:



Question 81	Question Id: 99
Identify the antonym for the word: Modest	
Answer:	Option Id
(A) Unhappy	99001
(B) Sullen	99002
(C) Conceited	99003
(D) Glum	99004

Conceited	
Question 82	Question Id: 98
Change the following sentence into passive voice:	
They created such a fuss over a trivial matter. Answer:	Option Id
(A) Such a fuss was being created by them over a trivial matter.	98001
(B) Such a fuss has been created over a trivial matter.	98002
(C) Such a fuss was created by them over a trivial matter.	98003
(D) By them such a fuss has been created over a trivial matter.	
	98004
Right Answer: Such a fuss was created by them over a trivial matter.	Right Option Id : 98003
Question 83 From the entions that follow choose the correct indirect speech of the given contents:	Question Id : 97
From the options that follow, choose the correct indirect speech of the given sentence.: She said, "Oil floats on water."	
Answer: (A) She says that oil has floated on water.	Option Id
(B) She said that oil floats on water.	97001
	97002
(C) She said that oil floated on water.	97003
(D) She said that oil has floated on water.	97004
Right Answer: She said that oil floats on water.	Right Option Id : 97002
Question 84 Which part of the sentence is incorrect?: "Gandhinagar is a capital of Gujarat."	Question Id : 96
Answer: (A) Gandhinagar is	Option Id
	96001
(B) a capital	96002
(C) of Gujarat	96003
(D) No error	96004
Right Answer: a capital	Right Option Id : 96002
Question 85 The correctly spelt word is:	Question Id : 95
Answer:	Option Id
(A) attention	95001
(B) atention	95002
(C) attension	95003
(D) attainton	95004
Right Answer:	Right Option ld : 95001

Right Answer:

Right Option Id: 99003

Question 86 Choose the meaning of underlined idiom used in the given sentence.: Radhika said to Madhav, you have the floor.	Question ld : 94
Answer:	Option Id
(A) You have practically won.	94001
(B) You have full right to disagree.	94002
(C) You have tendency rights to property's floor.	94003
(D) You have full permission to speak your mind now.	94004
Right Answer : You have full permission to speak your mind now.	Right Option ld : 94004
Question 87 Give one word substitute of: 'one who has no money'.	Question ld : 93
Answer:	Option Id
(A) Baron	93001
(B) Pauper	93002
(C) Righteous	93003
(D) Aristocrat	93004
Right Answer: Pauper	Right Option Id : 93002
Question 88 Read the following comprehension passage and answer the following questions. Himalayas, Nepali Himalaya, great mountain system of Asia forming a barrier between the Plateau of Tibet to the not Indian subcontinent to the south. The Himalayas are some of the greatest natural wonders of the world. This giganti long, stretching across Southeast Asia. Comprised of 30 mountains and nine of the highest peaks in the world, include mountain range is full of interesting world records, culture and geographical marvels. For thousands of years the Him significance for the people of South Asia, as their literature, mythologies, and religions reflect. Since ancient times the attracted the attention of the pilgrim mountaineers of India, who coined the Sanskrit name Himalaya—from hima ("great mountain system. In contemporary times the Himalayas have offered the greatest attraction and the greatest of the world. The ranges, which form the northern border of the Indian subcontinent and an almost impassable barrier are part of a vast mountain belt that stretches halfway around the world from North Africa to the Pacific Ocean coast	c mountain range is about 1,500 miles ding Mount Everest and K2, this malayas have held a profound ne vast glaciated heights have snow") and alaya ("abode")—for that challenge to mountaineers throughout between it and the lands to the north,
The Sanskrit word Himalaya means adobe of what?	
Answer: (A) Mountain	Option Id
(B) Snow	92001
	92002
(C) Mountain peak	92003
(D) Mountain range	92004
Right Answer: Snow	Right Option Id : 92002

Question 89 Question Id : 91

Read the following comprehension passage and answer the following questions.

Himalayas, Nepali Himalaya, great mountain system of Asia forming a barrier between the Plateau of Tibet to the north and the alluvial plains of the Indian subcontinent to the south. The Himalayas are some of the greatest natural wonders of the world. This gigantic mountain range is about 1,500 miles long, stretching across Southeast Asia. Comprised of 30 mountains and nine of the highest peaks in the world, including Mount Everest and K2, this mountain range is full of interesting world records, culture and geographical marvels. For thousands of years the Himalayas have held a profound significance for the people of South Asia, as their literature, mythologies, and religions reflect. Since ancient times the vast glaciated heights have attracted the attention of the pilgrim mountaineers of India, who coined the Sanskrit name Himalaya—from hima ("snow") and alaya ("abode")—for that

great mountain system. In contemporary times the Himalayas have offered the greatest attraction and the greatest challe the world. The ranges, which form the northern border of the Indian subcontinent and an almost impassable barrier betw are part of a vast mountain belt that stretches halfway around the world from North Africa to the Pacific Ocean coast of	veen it and the lands to the north,
	Southeast Asia.
About how many miles long is the gigantic mountain range of Himalaya? Answer:	Option Id
(A) 1,500 miles	91001
(B) 1,000 miles	91002
(C) 2,400 miles	91003
(D) 3,000 miles	91004
Right Answer: 1,500 miles	Right Option Id : 91001
Question 90 Read the following comprehension passage and answer the following questions. Himalayas, Nepali Himalaya, great mountain system of Asia forming a barrier between the Plateau of Tibet to the north a Indian subcontinent to the south. The Himalayas are some of the greatest natural wonders of the world. This gigantic molong, stretching across Southeast Asia. Comprised of 30 mountains and nine of the highest peaks in the world, including mountain range is full of interesting world records, culture and geographical marvels. For thousands of years the Himalay significance for the people of South Asia, as their literature, mythologies, and religions reflect. Since ancient times the va attracted the attention of the pilgrim mountaineers of India, who coined the Sanskrit name Himalaya—from hima ("snow great mountain system. In contemporary times the Himalayas have offered the greatest attraction and the greatest challe the world. The ranges, which form the northern border of the Indian subcontinent and an almost impassable barrier betw are part of a vast mountain belt that stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of the stretches halfway around the world from North Africa to the Pacific Ocean coast of	ountain range is about 1,500 miles Mount Everest and K2, this yas have held a profound st glaciated heights have ") and alaya ("abode")—for that enge to mountaineers throughout veen it and the lands to the north,
The Himalaya range consists how many highest peaks from all around the world? Answer:	Option Id
(A) 30	81001
(B) 2	81002
(C) 9	81003
(D) 15	81004
Right Answer:	Right Option Id : 81003
Question 91 Which statement is incorrect about a compound? Answer:	Question ld : 89 Option ld
(A) The constituents of a compound cannot be separated by a physical method.	89001
(B) Elements in a compound always present in a definite proportion by mass.	89002
(C) Compound is homogenous in nature.	89003
(D) The constituents retain their identity in a compound.	89004
	03004
Right Answer: The constituents retain their identity in a compound.	Right Option Id : 89004
Question 92	Question Id : 88
The structure of water (H_2O) molecule resembles with which of the following? Answer:	Option Id
(A) Structure of CH ₄ molecule	88001
(B) Structure of CO ₂ molecule	88002
(C) Structure of SO ₂ molecule	88003
(D) Structure of BeH ₂ molecule	03333

	88004
Right Answer : Structure of SO ₂ molecule	Right Option Id: 88003
Question 93 tainbow is formed due to a combination of ?	Question Id: 87
Answer:	Option Id
A) refraction and absorption	87001
B) dispersion and diffraction	87002
C) refraction and scattering	87003
D) dispersion and total internal reflection	87004
tight Answer: ispersion and total internal reflection	Right Option Id: 87004
Question 94	Question ld : 86
/hich among the following is an isoelectronic pair? nswer :	Option Id
A) NH ₃ and CH ₃ +	86001
3) NH ₃ and CH ₃ ⁻	86002
C) CO and CH ₄	86003
D) NH_4^+ and CH_4	86004
Question 95	Question Id: 85
Fhe electric fuse wire has: Answer :	Option Id
A) high melting point and high resistivity	85001
B) low melting point and high resistivity	85002
C) high melting point and low resistivity	85003
D) low melting point and low resistivity	85004
Right Answer: ow melting point and high resistivity	Right Option Id : 85002
Question 96 Transmission of light signal through optical fibres is possible due to?	Question ld: 84
Answer:	Option Id
A) Interference	84001
3) Total internal reflection	84002
C) Dispersion	84003
D) Scattering	84004
tight Answer : otal internal reflection	Right Option Id: 84002

Question 97 When we change loud sound to feeble sound, we decrease its -	Question Id: 83
Answer:	Option Id
(A) wavelength	83001
(B) frequency	83002
(C) velocity	83003
(D) amplitude	83004
Right Answer : amplitude	Right Option ld : 83004
Question 98	Question Id : 82
Owarfism is caused due to- Answer :	Option Id
(A) hyper secretion of thyroxin	82001
(B) hypo secretion of growth hormone	82002
C) hypo secretion of adrenaline	82003
D) hyper secretion of growth hormone	82004
Right Answer : nypo secretion of growth hormone	Right Option Id : 82002
Question 99	Question Id : 90
The stomata open or close due to change in the Answer :	Option Id
A) protein composition of cells	90001
B) amount of water in cells	90002
C) position of nucleus in the cells	90003
D) temperature of cells	90004
Right Answer : amount of water in cells	Right Option Id : 90002
Question 100 Choose the correct statement:	Question Id : 100
Choose the correct statement:- Answer :	Option Id
A) Dance, swimming, drawing are acquired trait and can pass from one generation to another generation	100001
B) Colour of iris of eye is an inherited trait and cannot pass from one generation to another generation	100002
C) Dance, swimming and drawing are inherited traits and can pass from one generation to another generation	100003
D) Dance, swimming and drawing are acquired trait and cannot pass from one generation to another generation	100004
Right Answer : Dance, swimming and drawing are acquired trait and cannot pass from one generation to another generation	Right Option Id : 100004