C) S phase of cell cycle

D) Go phase of cell cycle



4)

1)	Interphase is actually a period of: A) Non-apparent cell division B) Apparent cell division C) Non-apparent rest D) Non-apparent inactivity									
	\bigcirc A	ОВ	\bigcirc C	\bigcirc D						
2)		Il division the dolic phase ng phase	C) Acti	ndergoes: ve phase iferative phase						
3)	Between (A) Great (B) Rapid (C) Great (cell divisions th ovement ntrioles vity	ere is a period of:						
	A	ОВ	\bigcirc C	O D						

Amount of DNA is duplicared in:

A) G1 phase of cell cycle

B) G2 phase of cell cycle



5 \	Post m	itotic cell	can	exit the	cell	cycle	during:
------------	--------	-------------	-----	----------	------	-------	---------

A) G₁

C) S

B) G₂

D) G_o

() B

The cell gets prepared for division in: **6)**

A) G₁

C) G₂

B) G_o

D) S phase

B

) C

Post mitotic phase of cell cycle is: A) G1 C) G2

C) G₂

B) G_o

D) S phase

B

RNA and microtubule subunits are synthesized in: 8)

A) G₁ phase of cell cycle C) S phase of cell cycle

B) G₀ phase of cell cycle D) G₂ phase of cell cycle

B

D

Mitosis specific proteins are synthesized in:

A) G₁ phase of cell cycle C) S phase of cell cycle



9)	A) G ₁ pha	se of cell cycle	are synthesized in: C) S phase of cell cycle D) G ₂ phase of cell cycle			
(\bigcirc A	ОВ	\bigcirc C	\bigcirc D		
10)	In case A) 24 ho B) 12 ho		average cell C) 1240 D) 24 n) minutes		
(\bigcirc A	ОВ	\bigcirc C	\bigcirc D		
11)	In cell cy A) 9 hou B) 0.5 ho		cell, G ₂ phase lasts for: C) 4.5 hours D) 30 minutes			
(\bigcirc A	ОВ	\bigcirc C	\bigcirc D		
12)		ycle chromosom phase of cell phase:				
(\bigcirc \blacktriangle		\bigcirc			
	\bigcirc A	() B	\bigcirc C	\bigcirc D		

In case of human cell, the second longest phase is: 13) A) G1 phase C) G2 phase

D) C phase

D) M shace



A) G ₁ pha	ise	l, the second longest phase is: C) G ₂ phase D) M phase				
Α	ОВ	\bigcirc C	\bigcirc D			
A) 19.5	hours	cell, interphase takes: C) 22.5 hours D) 23.5 hours				
A	ОВ	\bigcirc C	\bigcirc D			
A) Interph	ase	more and more thick during: C) Prophase D) Metaphase				
Α	\bigcirc B	\bigcirc C	\bigcirc D			
A) Primary	constriction	C) Cen				
	A) G ₁ phase A) S phase A In case (A) 19.5 i B) 20.5 i A Chromoso A) Interphate B) Anaphat A Centrome A) Primary B) Kinetoo	A) G ₁ phase B) S phase A B In case of human cel A) 19.5 hours B) 20.5 hours A B Chromosomes become me A) Interphase B) Anaphase A B Centromere have a special A) Primary constriction B) Kinetochore	B) S phase D) A B C In case of human cell, inter A) 19.5 hours B) 20.5 hours A B C Chromosomes become more and A) Interphase C) Pr B) Anaphase D) M A B C Centromere have a special area cal A) Primary constriction C) Cen B) Kinetochore D) Sec			

17) During cytokinesis of plant cells:

A) Phragmoplast is formed



17)	During cytokinesis of plant cells: A) Phragmoplast is formed B) Contractile ring is formed C) Cell constricts in centre D) Cell membrane moves towards centre									
	Α	ОВ	\bigcirc	С	\bigcirc D					
18)	A) Mutation	caused mainly l n in somatic cel n in germ cells	ls C)							
	Α	ОВ		С	\bigcirc D					
19)	The size of nucleus increases and homologous chromosomes start getting closer to each other in: A) Leptotene B) Zygotene C) Pachytene D) Diplotene									
	Α	ОВ		С	\bigcirc D					
20)	A) Four o	ralent of chro chromatids chromatids	moso	C) Two	chromatids chromatid					



21)	their p		nosomes remain united by change only during: C) Pachytene D) Zygotene			
	A	ОВ	\bigcirc C	\bigcirc D		
22)	A) L	l <mark>eoli disappea</mark> eptotene ygotene	ars in:	C) Pachytene D) Diakinesis		
	Α	ОВ	\bigcirc C	\bigcirc D		
23)	attach from e A) Met	_				
	A	ОВ	\bigcirc C	\bigcirc D		
24)	A) M	actual reduct Ietaphase I Ietaphase II	- (f meiosis is: (2) Anaphase I (3) Anaphase II		
	Α	ОВ	\bigcirc C	\bigcirc D		



25)	Nuclear membrane reorganizes around each set of chromosomes at two poles in:								
·	A) Telopha B) Anapha		C) Metaphase I D) Prophase I	[
\bigcirc	A	ОВ	○ c	O D					
26)	formed in								
	A) Propha B) Metaph		C) Anaphase D) Telophase						
\bigcirc	Α	ОВ	○ c	\bigcirc D					
27)	Meiosis usually takes place at the time of: A) Sexual cell formation B) Somatic cell formation C) Asexual cell formation D) Vegetative cell formation								
	Α	ОВ	\bigcirc C	\bigcirc D					
28)	Maximum tendency of tumor formation is found in A) Infancy C) Old age B) Young age D) Juvenile age								
	Α	ОВ	\bigcirc C	\bigcirc D					
201	The impor	tance of contro	lling cell divisio	n is shown by:					
29)	A) Renal e	nlargement	C) Cancer						

A) Renal enlargement C) Cancer B) Cardiomegaly D) Oedema

D) Oedema



30)	In prop A) Lept B) Diak	toten	e	lotene is preceded by: C) Pachytene D) Zygotene			
	Α	\bigcirc	В	\bigcirc C		D	
31)	At any giv are in:	en tin	ne, most of	the cells i	n an anim	ıal's body	
	A) S phaseB) G₁ phase			C) G ₀ pl D) G ₂ pl			
\bigcirc	A		В	○ c	\bigcirc	D	
32)	The phas		which the	cell is ge	tting prep	pared for	
	A) S phase B) G ₁ phase			C) G ₀ pł D) G ₂ pł			
\bigcirc	Α		В	\bigcirc C	\bigcirc	D	
33)	to watch i	is: ise	mitosis the	C) Anapi	hase	oeautiful	
	B) Metapl		В	D) Telop	onase	D	
			_				



741	The spindle forming microtubules are composed of:								
34)	A) Prote	in	C) Protei	in and RNA					
	B) RNA		D) Prote	in and DNA					
\bigcirc	Α	ОВ	\bigcirc C	\bigcirc D					
35)		c <mark>hore fibers,</mark> les give rise t	A CONTRACTOR OF THE PROPERTY OF	asters, polar fibers and					
	A) Con	tractile ring	C) Sep	aration plate					
	NUMBER OF STREET	aphase plate							
	Α	ОВ	\bigcirc C	O D					
76)	Cell cycle does not involve:								
36)	A) G ₁ p	hase	C) S phase						
	B) M p	hase	D) G _o phase						
	Α	ОВ	\bigcirc C	\bigcirc D					
37)	how man		will be there	nt late anaphase, in each daughter					
	A) 10		C) 40						
	B) 20		D) 30						
	Α	\bigcirc B	\bigcirc C	\bigcirc D					



38)	Meiosis _ A) Double B) Halves	es	_ the par	C)	romosor Maintair Mixes u	
\bigcirc	A		В	\bigcirc C		\bigcirc D
39)	Sister chr separate d A) Prophas B) Prophas	l urin se I	g:	C) A	plicated naphase i	
	A		В	○ c	-	O D
40)	If there centrome A) 10 B) 20			C) 30 D) 4	0	l, how many
\bigcirc	Α		В	\bigcirc C		\bigcirc D
41)	The longe A) Mitotic B) Interph	c ph				ding phase hase
	Α		В	\bigcirc C		O D

Energy storage for chromosome movements occurs in:



42)	Energy st A) Interph B) Mitotic	ase	mosome movements occurs in: C) Post mitotic phase D) Premitotic phase				
\bigcirc	Α	ОВ		С	\bigcirc D		
43)	A) Enter	the G ₁ phase	daughter cells: C) Have two options D) Enter the new cycle				
	Α	ОВ		С	\bigcirc D		
44)	Cell cycl A) Two B) Three	e includes how	v mai	ny prepar C) Four D) Five	atory phases:		
	Α	ОВ		С	\bigcirc D		
45)	In case of A) 2440 B) 1440		aver	C) 1240 D) 1040	minutes		
	Α	ОВ		С	\bigcirc D		

46) Telophase is indicated by:

A) Condensation of chromosomes



46)	Telophase is indicated by: A) Condensation of chromosomes B) Decondensation of chromosomes C) Disintegration of nuclear envelope D) Disintegration of nucleoli								
\bigcirc	Α	ОВ		С		D			
47)	-	tic phase	itriole o	triole occurs during: C) Karyokinesis D) Cytokinesis					
\bigcirc	Α	ОВ		С		D			
48)	A) Nucl B) Centr		than th	C)	cleus: Mitotic a Chromo		tus		
\bigcirc	Α	ОВ		С		D			
49)	A) Late	ophase coin metaphase metaphase		C)) Late ar) Early a	-			
	A								



is larger than the nucleus: 48)

A) Nucleolus

- C) Mitotic apparatus
- B) Centrosome
- D) Chromosome

- A
- () B
- D

Late prophase coincides with: 49)

- A) Late metaphase C) Late anaphase
- B) Early metaphase
- D) Early anaphase

- () B

Secondary areas of growth are established in: 50)

A) Invasion

- C) Malignancy
- B) Benign tumor
- D) Metastasis

PREVIOUS

FINISH TEST

NEXT



51)	Which one of the following informations about molecular formula of nitric acid is incorrect? A) It indicates one molecule of nitric acid B) One H-atoms, one N-atom and three O-atoms combine to form one molecule of HNO ₃ C) One mole of H-atoms, one mole of N-atom and three moles of O-atoms form one mole of nitric acid D) 1 mole of nitric acid = 63.0 amu					
	Α	ОВ	\bigcirc C	\bigcirc D		
52)	of the foll	owing terms is nal atomic mas	Cl) element is 35 s not used for the ss C) Relative D) Average	nis mass:		
	Α	ОВ	\bigcirc C	\bigcirc D		
53)	molar mas of this org	s of the compo anic compound , of C = 12, H =	as empirical for ound is 110 mole d is: = 1.008 and O = C) C ₈ H ₉ O ₃ D) C ₆ H ₆ O ₃	ecular formula		
	A	\bigcirc B	\bigcirc C	\bigcirc D		

How many moles are there in 0.44 g of CO_2 ($M_r = 44 \text{ amu}$)

A) 0.01 molC) 0.001 mol

В

D) 0.00001 mol

B) 0.1 mol



55)	 Identify the incorrect the statement about isotope: A) At present above 280 different isotopes occur in nature B) 300 unstable radioactive isotopes have been produced through artificial disintegration C) O,Mg,C,Ca and Fe from nearly 50% earth current D) 154 isotopes have even mass number and even atomic number 					
\bigcirc	Α	ОВ	\bigcirc C	\bigcirc D		
56)	2g pota A) 8%	ssium hydroxide	(KOH) is dissolve	,		
\bigcirc	A	ОВ	\bigcirc C	\bigcirc D		
57)	The mass of one mole of electrons is: A) $5.50 \times 10^2 g$ C) $1.84 \times 10^2 g$					
-	A) 5.	30×10 g	C) .	1.04×10 g		

Consider the following statements about atom: 58) I.

B) $1.008 \times 10^3 g$

It is made up of more than 100 sub-atomic particles

Its diameter is of the order 0.02 nm II.

Its mass falls in the range of 10⁻²⁷ to 10⁻²⁵ kg III.

A full stope may have two million atoms Which of the above statements is/are correct.

A) I only

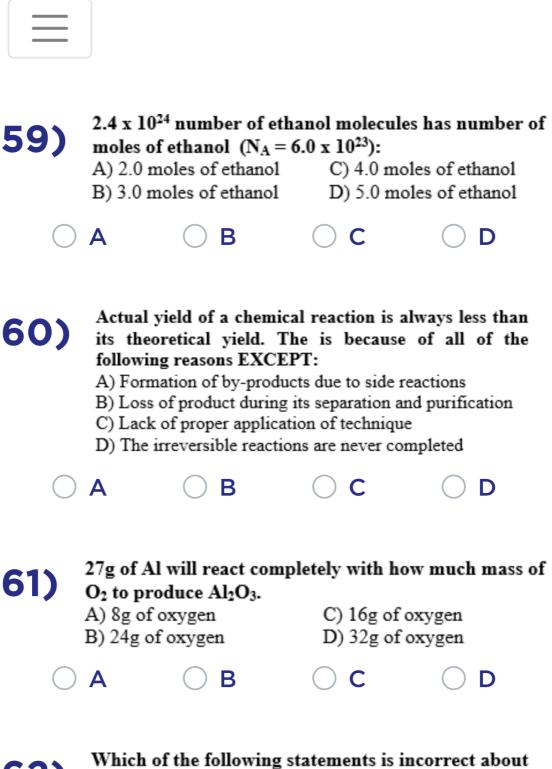
C) III and IV

C) II only

D) I, II, III and IV

D) $1.673 \times 10^3 g$





Which of the following statements is incorrect about isotopes of an elements?

- A) They have different mass number
- B) They have different physical properties
- C) They have different chemical properties
- D) They have different half-life (if radioactive)
- \bigcirc A \bigcirc B \bigcirc C \bigcirc D



63)	the volum help of che A) Mass-m	e of other sub emical equation nass relationshi	one substance, w bstance and vice on which is called ip C) Mass-volu ship D) Mass-mol	versa with the : ime relationship
	Α	ОВ	\bigcirc c	\bigcirc D
64)	4g of sodi of solution A) 0.1M B) 0.4M	um hydroxid 1, the molari	le has been disso ty of the solution C) 0.2M D) 0.3M	lved in 250cm³ 1 is:
	Α	ОВ	\bigcirc C	\bigcirc D
65)	each quest A) Isotopes abundan B) Isotopes abundan C) Isotopes numbers D) Isotopes	ion: s with even ato t with odd ator it with even ato s with even ato s are comparat s with even ato	answer from the omic masses are comic masses are comic masses and entively abundant omic masses and of tively abundant	omparatively mparatively even atomic
	Α	ОВ	\bigcirc C	\bigcirc D

All of the following statements are correct EXCEPT:

A) Number of atoms of an element =
\[
\frac{Mass of the element}{Relative atomic mass} \times N_A
\]

B) Number of formula units =
\[
\frac{Mass of the covalant compound}{Formula mass} \times N_A
\]

C) Number of ions of ionic species =
\[
\frac{Mass of the ions}{Ionic mass} \times N_A
\]



66)	A) Number of B) Number of C) Number of	f atoms of an eleme f formula units = $\frac{M}{2}$ f ions of ionic speci-	are correct EXCEPT nt = Mass of the element Relative atomic mass of the covalant compoutes Formula mass es= Mass of the ions I Note that I note mass Ionic mass lent compound= Mass of	- x N _A nd x N _A A
\bigcirc	Α	ОВ	\bigcirc C	\bigcirc D
67)	What ma values K A) 28.0g B) 26.0g	ss of KOH is = 39, O = 16	present in 0.5 and H = 1): C) 24.0g D) 30.0g	,
\bigcirc	Α	ОВ	\bigcirc C	\bigcirc D
68)	A) All the product B) No side C) Law of	following assuments are of the reaction occurrences.	imptions EXCE completely conve ars of mass and law	erted into the

Which one of the following samples contains the same number of atoms as 1g of hydrogen gas $(M_r \text{ of } H_2 = 2g)$?

D) Are applicable to both reversible and irreversible

- A) 22g of carbon dioxide (M_r of $CO_2 = 44g$)
- B) 8g of methane (M_r of $CH_4 = 16g$)

reactions



69)	number of A) 22g of c B) 8g of me C) 20g of n	of the following atoms as lg of hearbon dioxide (Note than e (Mr of Ne = 100 tone (Mr of O3 =	ydrogen gas (M I _r of CO ₂ = 44g) I ₄ = 16g) 20g)	$I_r \text{ of } H_2 = 2g)$?
	Α	ОВ	\bigcirc C	\bigcirc D
70)	Calculate burns in e A) 21gram B) 19gram		I ₂ O formed who C) 18grams D) 15grams	en 8g of CH ₄
	Α	ОВ	\bigcirc C	\bigcirc D
/1)	Which of th of substanc A) Gram B) Mole	ne following is f e in SI units?	undamental un C) Kilogram D) Milligram	it for amount
	Α	ОВ	\bigcirc C	\bigcirc D
	_			

One mole of SO₂ contains

 A) 6.02 × 10²³ atoms of oxygen
 B) 18.1 × 10²³ molecules of SO₂

C) 6.02×10^{23} atoms of Sulphur

D) 4 gram atoms of SO2



73)	The least number of m A) 1.0g of H ₂ O ₂ B) 1.0g of CH ₃ OH			molecules are present in: C) 1.0g of CO ₂ D) 1.0g of NO		
\bigcirc	Α	ОВ		\bigcirc	C	○ D
74)	C ₂ H ₅ OH at Which stat component A) Mole fra B) Mole fra	nd 36g of ement a is is true action of action of action of	of water. bout mo ? CH3OH C2H5OH CH3OH	ole fra is hig I and I and C	thest a H ₂ O is	mong all components the same H is the same
\bigcirc	Α	ОВ			С	\bigcirc D
75)	Mole fract all compos A) Compos B) Molecui	n ents in unds		C)	solut Solut	
	Α	ОВ			С	\bigcirc D

76) The octane present in gasoline burns according to the following equation:

 $2C_8H_{18} + 25O_2 \longrightarrow 16CO_2 + 18H_2O$

How many moles of CO₂ can be produced from one mole of octane?

A) 2

C) 4

B) 8

D) 16



The reaction of H2S with SO2 give sulphur as one of the product?

$$\mathbf{H}_2\mathbf{S} + \mathbf{SO}_2 \xrightarrow{\mathbf{H}_3\mathbf{O}^+} \mathbf{S} + \mathbf{H}_2\mathbf{O}$$

How many moles of H2S are needed to react with sulphur dioxide to produce one mole of sulphur?

A) $\frac{1}{3}$ moles

C) $\frac{2}{3}$ moles

B) $\frac{3}{2}$ moles

D) 2 moles

- \bigcirc B \bigcirc C

Which of the following units of concentration of **78)** solution is affected by temperature?

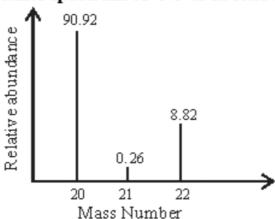
- A) Percentage composition (W/W)
- B) Mole fraction
- C) ppm (W/W)
- D) Molarity (n/V)

79) Combustion anyalsis of organic compound is done is order to determine:

- A) Empiricial formula
- B) Moleculear formula
- C) Both A and B
- D) Neither A nor B



A sample of Neon is found to exist as ²⁰₁₀Ne, ²¹₁₀Ne and ²²₁₀Ne. Mass spectrum of 'Ne' is as follows:



What is the relative atomic mass (Ar value) of Neon?

A) 20.18 amu

C) 20.10 amu

B) 20.28 amu

D) 20.22 amu

- В

How many oxygen atoms are in 2 moles of oxygen (O2) gas? 81)

- A) 2 x 6.022 x 10²³ x 2 atoms
- B) 2 x 6.02 x 10²² atoms
- C) 2 x 6.022 x 10²² x 2 atoms
- D) 2 x 1023 atoms

The volume occupied by 1.4g of N₂ at STP is: **82)** A) 2.24dm³

B) 22.4dm3

C) 1.12dm3

D) 112cm3



071	The number of moles of CO ₂ which contains 16g of
83)	oxygen is:

A) 0.25

C) 1.0

B) 0.5

D) 1.5

 \bigcirc A

 \bigcirc B

 \bigcirc

84) The deflection of positive ions in Dempster's mass spectrometer depends on all of the following factors EXCEPT:

- A) Strength of electric field
- B) Strength of magnetic field
- C) The ions of definite e/m value
- D) The ions of definite m/e value

 \bigcirc A

○ B

○ C

Total number of atoms present in
$$49.0g H_3PO_4$$
 are $(A_r H = 1, P = 31, O = 16)$:

- A) 4 NA atoms
- B) 2 N_A atoms
- C) It contains 1g molecules of H₃PO₄
- D) It contains 0.6g atoms of H₃PO₄

 \bigcirc A

 \bigcirc E

 \bigcirc

) **D**

PREVIOUS

FINISH TEST

NEXT



061	Which	of	following	are	base	units	of	angular
86)	momen	tum	?					

A) kg m s-1

C) kg m-1 s-2

B) kg m2 s-1

D) kg m⁻² s⁻¹

- В
- D

Which one is the correct representation of the unit of pressure?

- A) Newton/Meter²
- C) newton/meter²
- B) Newton/meter²
- D) newton/Meter²

- B
- D

- A) kg m s⁻³ A⁻¹
- C) kg s⁻² A⁻³
- B) kg² m⁻² s⁻³ A
- D) m s-1 A-3

- B
- D

A) 109

C) 10¹⁵

B) 10-15

D) 10¹²



90)	Which of A) watt B) kg m	of the follow	wing is not a unit of power? C) kW D) kWh			
	A	ОВ	\bigcirc C	\bigcirc D		
91)	Which of the period? A) RC B) $\frac{L}{R}$	the following i	s not having un C) \sqrt{LC} D) $\frac{C}{L}$	nits of time		
	Α	ОВ	\bigcirc c	\bigcirc D		
92)	Which of f A) Viscos B) Surface	following quantity e tension	tity can be expr C) Spring	ressed in kg m ⁻¹ s ⁻¹ ? constant ar momentum D		

In SI base units, gravitational constant 'G' is expressed in: A) N m⁻² kg B) kg² m⁻³ s² C) kg-1 m3 s-2

 \bigcirc B \bigcirc C

93) If P is a pressure and δ is a density, then δ /P has units: A) m^2/s^2 C) N/m^2

C) N/m² D) s²/m²

B) kg/m^2

Α

D) $N m^2 kg^2$



5)	The S.I	unit of	work in	terms of	base	unit	are:
		1 0		322345			

- 95) A) kg m⁻¹ s⁻² B) kg m s⁻²
- C) kg m⁻² s⁻² D) kg m² s⁻³

- В

96)

What is the correct unit for the quantity shown?

	Quantity	Unit
A)	Electromotive force (emf)	J
B)	Viscosity	Pa s ⁻¹
C)	Entropy	kg m ² s ⁻¹ K ⁻¹
D)	Capacitance	J-1 C2

Of the following which one has the units different from the remaining three:

- A) Energy per unit volume
- B) Force per unit area
- C) Product of charge and voltage per unit volume
- D) Energy per unit area

- D

98) In given equation
$$f = \frac{1}{2l} \sqrt{\frac{F}{m}}$$
, fundamental frequency of

stretched string, the units of 'm' is:

A) kg m⁻¹

C) kg m⁻¹ s

B) kg m s-1

D) No units



99)	A) Zero err	error may occur for of instrument ct marking		ion of instrument
\bigcirc	A	ОВ	\bigcirc C	\bigcirc D
100)	A) Adjus measu B) Timin C) Measu	the quantity being ting an ammeter tring a current g a large number tring the diameter ating the average	to remove its zero of oscillations to r of a wire repeate	error before
	A	ОВ	\bigcirc C	\bigcirc D
101)	current p readings w 1.3 A, 0.99	assing through thich are given as A, 1.4 A, 1.1 A, 1 or would you sug	riment to measure a resistor. He to follows; 1.2 A, 1.0 .3 A, 0.98 A, 0.97 A gest these reading C) Both "A" & "B" D) Zero error	akes ten A, 1.1 A, A. Which s have?
	A	ОВ	\bigcirc C	\bigcirc D
102)	frequenc	y is 7.5%. Furth	ncertainty in the ermore, the uncer 5%. The uncerta	rtainty in the

C) 11%

D) 4%

speed is: A) 13.5%

B) 18.5%



103)	The least count of a of 20 oscillations of The uncertainty in (A) 10 ⁻¹ s B) 10 ⁻² s	stop watch is 1/5 secon a pendulum is measu time period is: C) 10 ⁻³ s D) 10 ⁻⁴ s	
	А	\circ c	\bigcirc D
104)	0.00160 ± 0.00005	ncertainty is 5	is correct?
	А ОВ	\circ c	\bigcirc D
105)	formula P=V ² /R. difference V is 4%	in resistor is calc The uncertainty and the uncertainty ne uncertainty in P? C) 7% D) 11%	in the potential in the resistance
	А ОВ	\bigcirc C	\bigcirc D
106)		measurements of sid 6% and 9% respec	

cubical body are 6% and 9% respectively. Then the maximum possible error in calculating the density is:

C) 33%

D) 27%

A) 17%

B) 15%



106)	cubical	body an	re 6% a	rements nd 9% re	espective	ely. Th	en the
	A) 17%			C) 33			
	B) 15%			D) 27	%		
	A	O E	3	\bigcirc C			D
107)	A) Perce	entage u	is called ncertaint ertainty	y C) I	raction All of th		ertainty
	A	○ E	3	\bigcirc C	•		D
108)	mass m determi length l	of a le ined to v to with	ngth 1 o vithin 3% in 0.5%,	e is deter f the wir 6, mass n what wo of the dian C) 2% D) 4%	e. If its a to with uld be to meter di	densithin 0.5 the ma	y D is % and
	A		3	O C		\bigcirc	D

109)

The percentage uncertainties in mass and spring constant while measuring time period of spring mass system respectively are 2.5% and 3.5%. The percent uncertainty in its time period will be:

A) 3%

C) 12%

B) 6%

D) 9%

- \bigcirc B
-) (
- O D



110)	Which magnitu A) One s B) One s	i de? metre	C) One man D) One an	
	Α	ОВ	\bigcirc C	\bigcirc D
111)	period "T	" and length 2% respect	r in the measur h "L" of a simple ively, the maximu C) 2.2% D) 2.4%	e pendulum are
	Α	ОВ	\bigcirc C	\bigcirc D
112)	Which of A) Angs B) Micr	strom	ollowing is not a C) Rad D) Ligi	ian
	Α	\bigcirc B	\bigcirc C	\bigcirc D
113)	= k r v (v A) kg m B) kg m	where symbol l _S -l	nit of constant k i ls have their usua C) kg ⁻¹ m ² s D) kg m ² s ²	l meanings)?
	A	ОВ	\bigcirc C	\bigcirc D



(-)	-
\		

) B

- 1	
- 1	

) **D**

Which of the following is a smallest value?

- 114) A) 1 mm × 1 pm
- C) 1 cm \times 1 km
- B) 1 Gm × 1 Em
- D) $1 \text{ nm} \times 1 \text{ m}$



В

D

115)

A mass m has acceleration a, it moves through a distance s in time t. The power used in accelerating the mass is equal to the product of force and velocity. The percentage uncertainties are 0.1% in m, 1% in a, 1.5% in s, 0.5% in t. What is the percentage uncertainty in power?

A) 2.1%

C) 3.1%

B) 2.6%

D) 4.1%

В

PREVIOUS

FINISH TEST

NEXT



116\		ad each sentence an	nd determine the me lowledge.	eaning of the word	using cross sentence
116)	I thought A) Homos B) Peculia	geneity		ut that he had no go C) Commencement D) Compunction	<u>ualms</u> about morality.
\bigcirc	Α	ОВ	\bigcirc C		D
117)	The entire fam attraction. A) Expeditions B) Detriments	ily spent the next	C) 5	aking daily <u>excur</u> Surveillances Retrievals	sions to the nearby
	Α	\bigcirc B	\bigcirc C		D
118)	The dinghy A) Propelled B) Flew	z <u>sailed</u> smoo 1	thly across th		C) Navigated D) Puffed
	A	ОВ	\bigcirc C) D
119)	sen	tence. ful worker knows th s.	(977-9	s in the with his or her
\bigcirc	A	ОВ	\bigcirc C		D
120)	The comic tit A) Funeral B) Collateral	bits of my friend e	C	aura of the gat The price of the gat One of the gat The price of the gat	hering into joviality.
	Α	\bigcirc B	\bigcirc C		D



121)	Alarms were hea A) Ordnance B) Ordinance	rd just before the	depot started r C) Assona D) Conson	
	Α	ОВ	\bigcirc C	\bigcirc D
122)	Direction: Choose ALAS A) Woe B) Wow	the word that is most ne	C) Wove D) Hurra	
	CAPTIVAT A) Disenchar B) Meadow	ED nted	○ c	C) Mesmerized D) Isomerized
124)	DISPUTE A) Equity B) Amicabilit	у) В	○ c	C) Altercation D) Indulgence
125)	HEARSAY A) Benedict B) Heresy		○ c	C) Tattle D) Rattle







JUBILANT A) Exultant B) Resultant A	В		C) Centennial D) Euphemistic
SAGGED OFF A) Decomposed B) Extolled	В	○ C	C) Languished D) Lionized
128) ZEST A) Fest B) Gusto	В	○ c	C) Behest D) Conquest
Directions: Choose the GLISTENING A) Glorifying B) Listening	word that is most <u>Ol</u>	PPOSITE in the meanin C) Glimmer D) Murky	
HAGGARD A) Plush B) Ebullient	В	○ C	C) Faggot D) Braggart



131) A)	JOVENILE Jovial Uncouth	1	C) Withering D) Exuberant
132) A	MINIATURE A) Dim B) Gargantuan B	С	C) Unkempt D) Raggedy
133) A	SUBSEQUENTLY A) Uninterruptedly B) Later	С	C) Formerly D) After
134) A	SUCCULENT A) Moist B) Indulgent	С	C) Parched D) Delicious
135) A	ULNERABLE A) Proposed B) Defenseless		C) Impervious D) Exposed

 \bigcirc A \bigcirc B \bigcirc C \bigcirc D