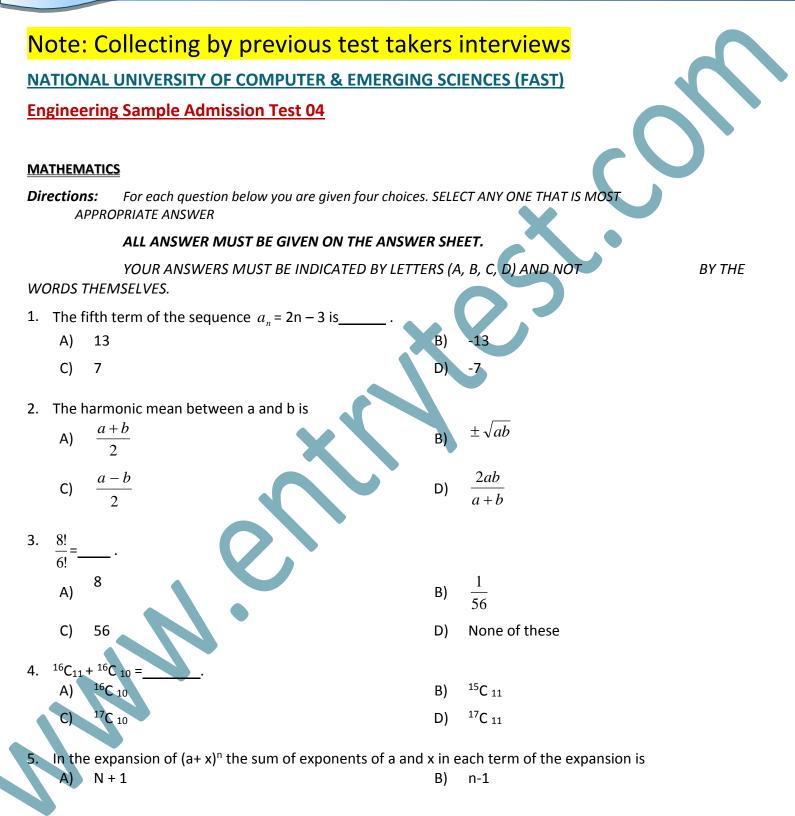
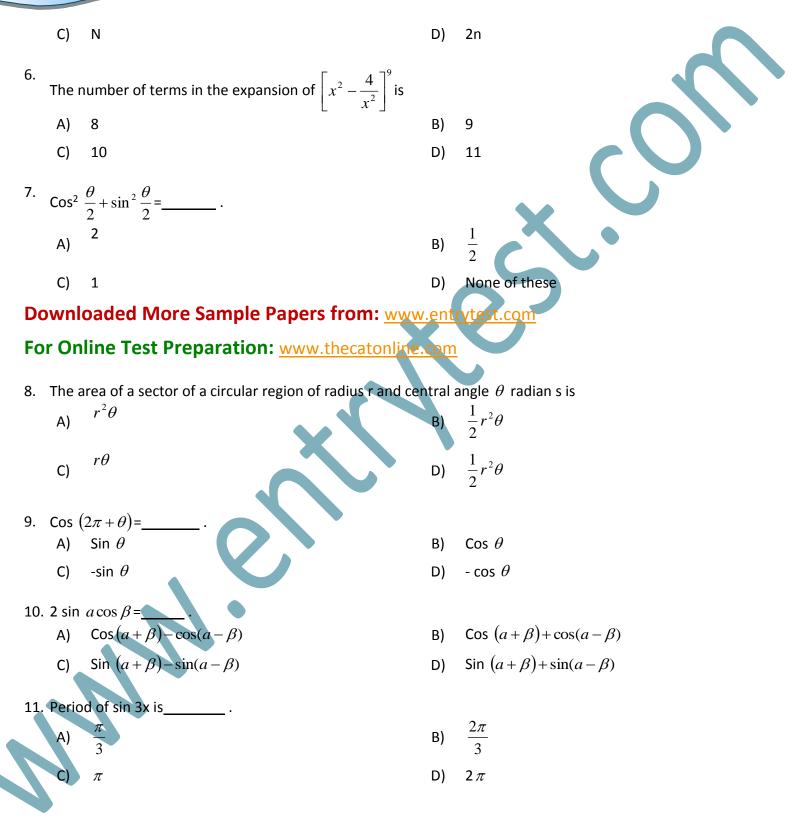


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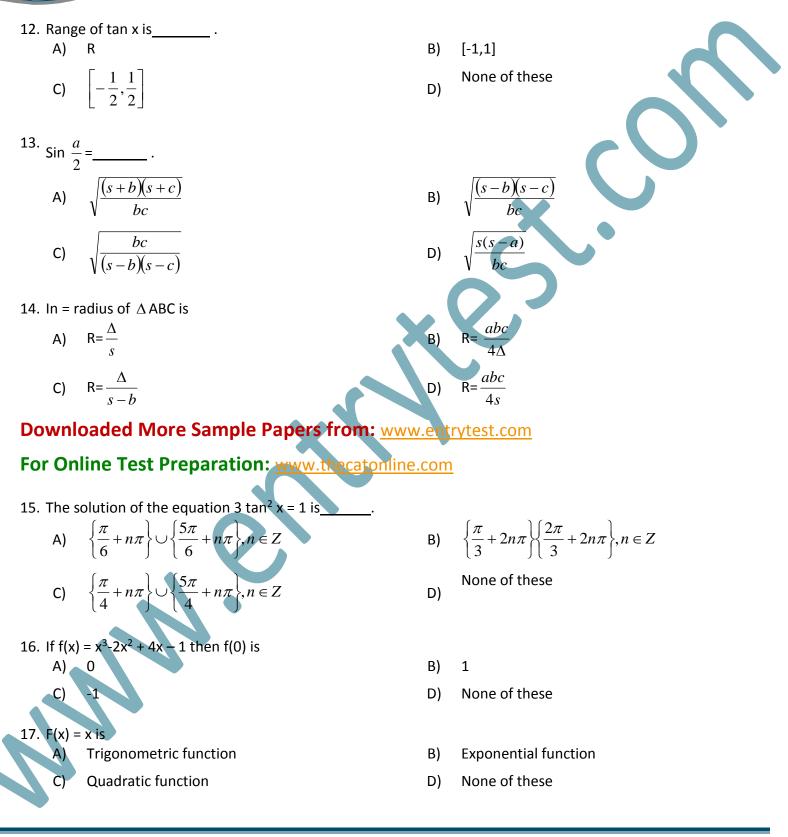


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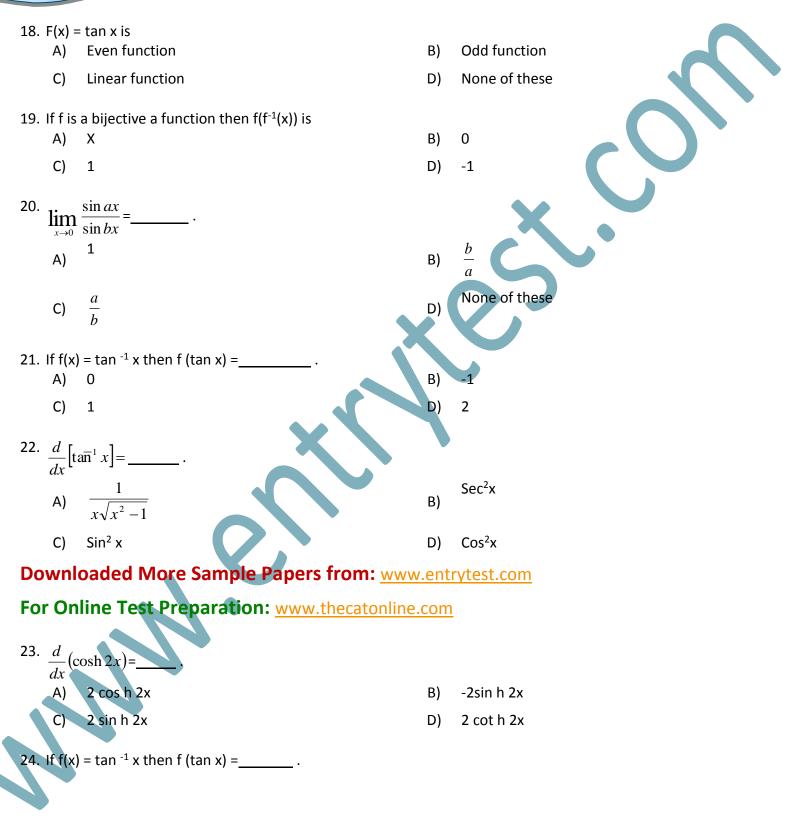


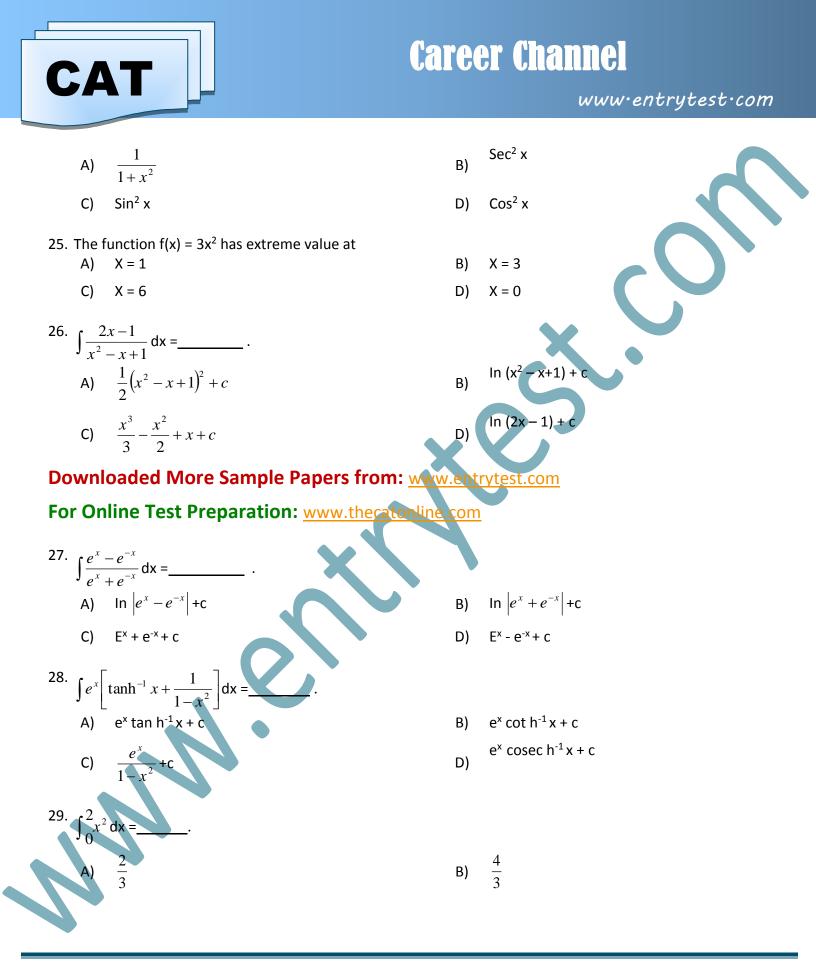
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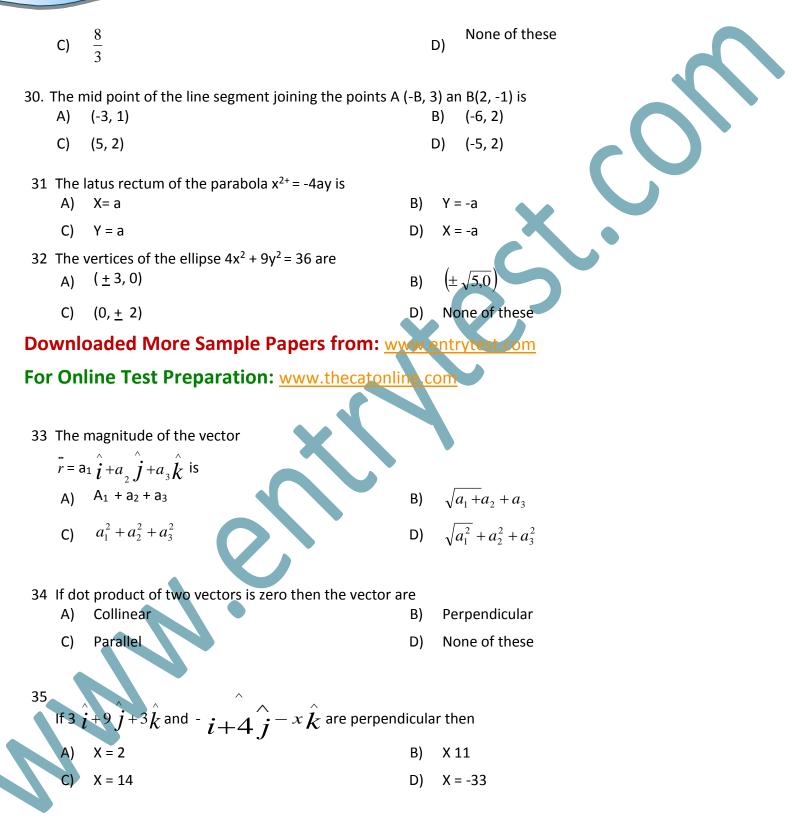
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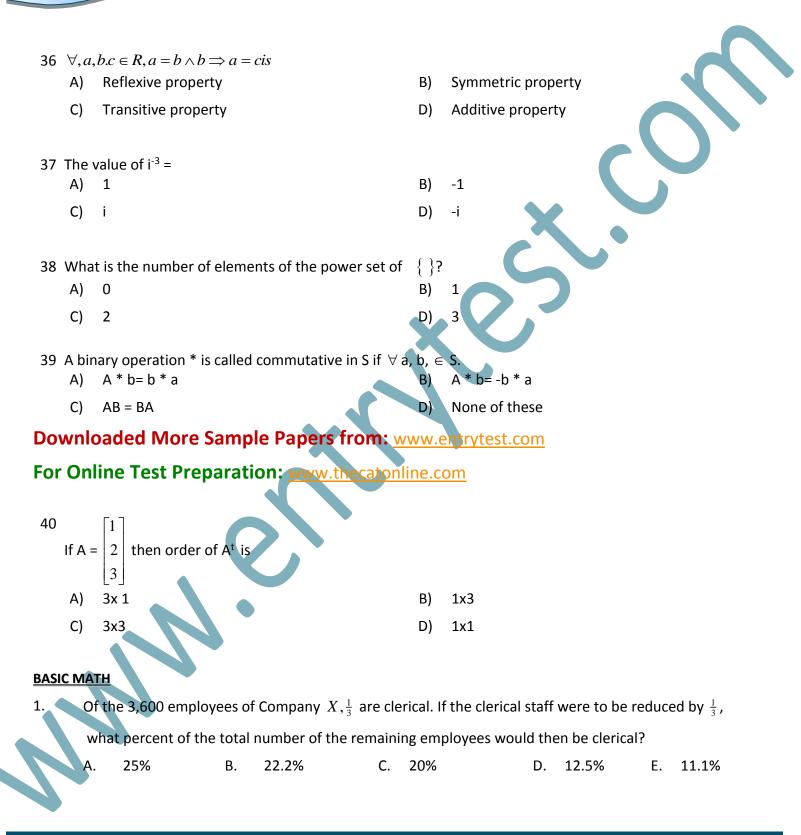


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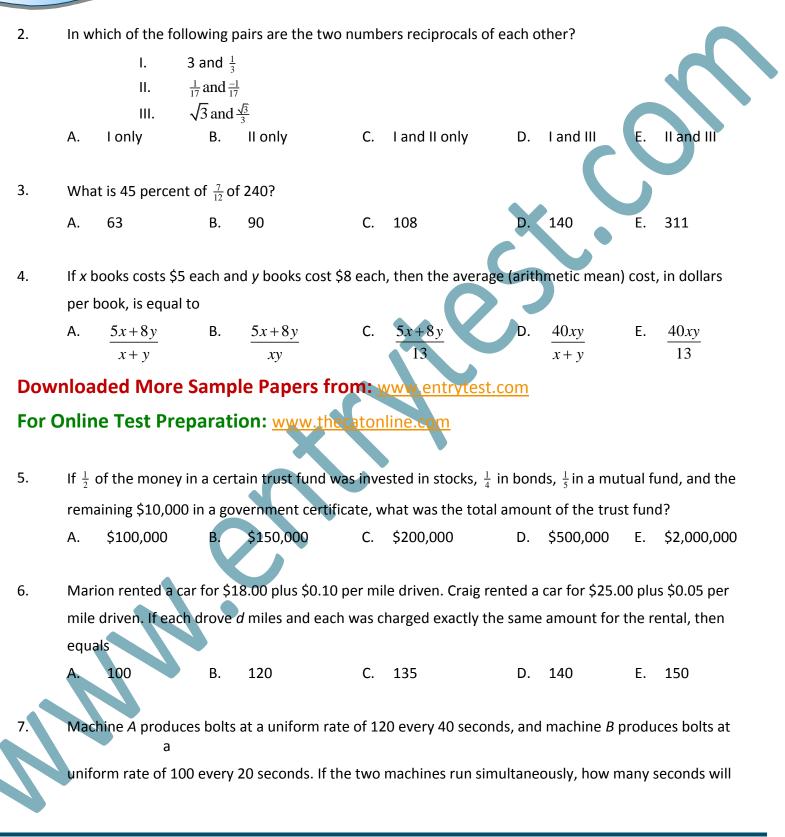


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	it take for them to produce a total of 200 bolts?											
	A.	22	В.	25	C.	28	D.	32	E. 56			
8.	$\frac{3.003}{2.002}$	- =							\cap			
	Α.	1.05	В.	1.50015	C.	1.501	D.	1.5015	E. 1.5			
9.	What	is the decimal	equiva	lent of $\left(\frac{1}{5}\right)^5$?			X					
	Α.	0.00032	В.	0.0016	C.	0.00625	D.	0.008	E. 0.03125			
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						\sim						
10.				el oil are purchase								
	worth of fuel per hour. At this rate, how many hours are required to consume the 200 gallons of fuel oil?											
	Α.	140	В.	220	C.	260	D.	322	E. 330			
<u>PHYSICS</u>												
Directions: For each question below you are given four choices. SELECT ANY ONE THAT IS MOST APPROPRIATE ANSWER												
		ALL ANSWER	MUST	BE GIVEN ON TH	E AN	SWER SHEET.						
	YOUR ANSWERS MUST BE INDICATED BY LETTERS (A, B, C, D) AND NOT BY THE WORDS THEMSELVES.											
1.	W	/hich of the foll	owing	is a scalar quantit	у							
	(a) Density	(1	b) Displaceme	nt	(c)	Torque	(d)	Weight			
2.	Which of the following is the only vector quantity											
	(a) Temperat	ure	(b) Energy		(c)	Power	(d)	Momentum			
3.	Which of the following lists of physical quantities consists only of vectors:											
	(a) Time, temp	erature	e, velocity		(b)	Force, vo	olume, mom	entum			

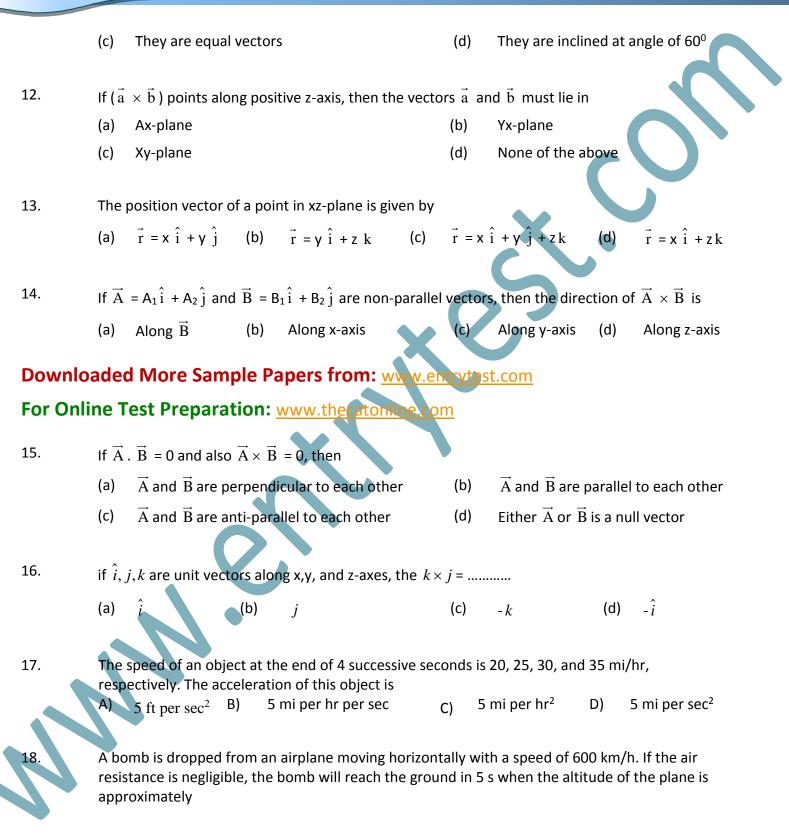


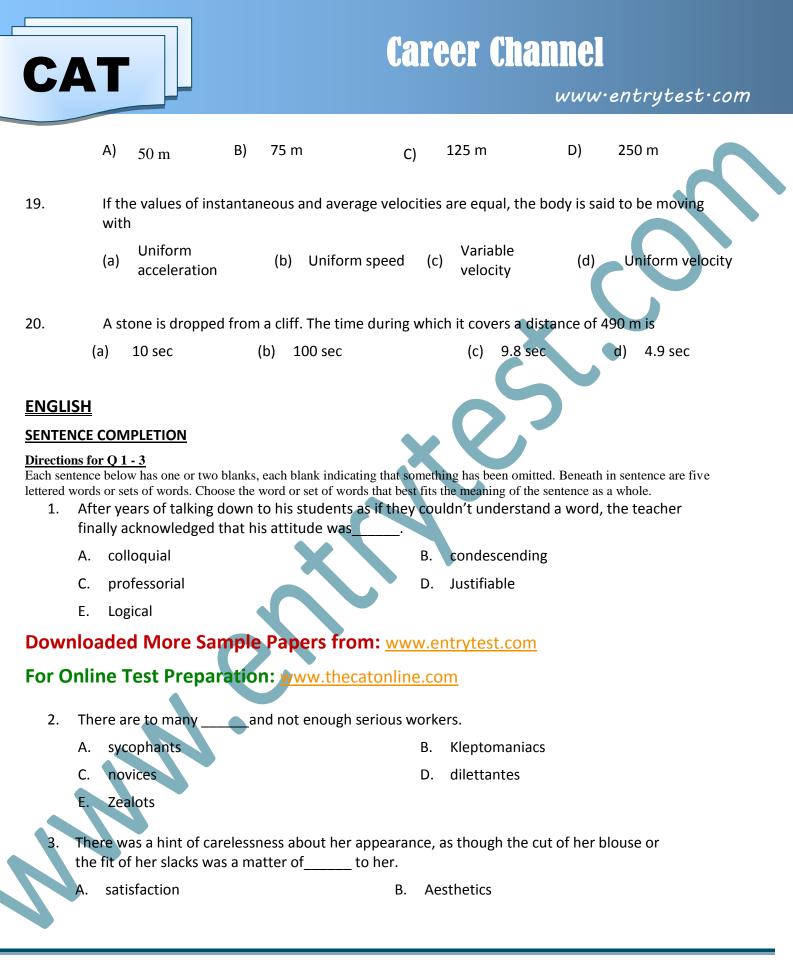
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	(c)	Velocity, accele	eration,	mass		(d)	Force, acceleration, velocity			
4.	The rectangular components of a vector have angle between them									
	(a)	0 ⁰	(b)	60 ⁰		(c)	90 ⁰	(d)	120 ⁰	
5.	A force of 10N is acting along y-axis. Its component along z-axis is									
	(a)	10N	(b)	20N		(c)	100N	(d)	Zero N	
6.	Two forces are acting together on an object. The magnitude of their resultant is minimum when the angle between the force is									
	(a)	00	(b)	60 ⁰		(c)	120 ⁰	(d)	180 ⁰	
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7.	Two forces of 10N and 15N are acting simultaneously on an object in the same direction. Their resultant is									
	(a)	Zero	(b)	5N		(c)	25N	(d)	150N	
8.	lf th	e dot product of	two no	n-zero vectors va	hishes,	, the vec	tors will be			
	(a)	In the same (b direction		Opposite to each other	(c)	Perper other	ndicular to eac	ch	(d) Zero	
9.	If two non-zero vector $ec{A}$ and $ec{B}$ are parallel to each other, then $ec{A}$. $ec{B}$ is equal to)	
	(a)	Zero	(b)	АВ		(c)	A + B	(d)	A – B	
10.	The	e dot product of	two veo	ctors is negative w	hen					
	(a)								ors	
	(c)	They are perp	endicul	ar vectors	(d)	None	e of the above	is corre	ct	
11.	The vector product of two vectors is zero, when									
	(a)	They are paral	lel to ea	ach other		(b)	They are pe	erpendic	cular to each other	



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Significance

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- C. indifference
- E. Controversy

ANALOGY

Direction: Each question below consists of a related pairs of words or phrases, followed by five lettered pairs of words or phrases Select the lettered pair that best expresses a relationship similar to that expressed in the original pair.

D.

- 4. CALLOW : MATURITY ::
 - (a) incipient : fruition
 - (b) spoiled : purity
 - (c) young : old
 - (d) eager : anxiety
- 5. CARELESSNESS : ACCIDENT ::
 - (a) assiduity : success
 - (b) indifference : fruition
 - (c) care : avoidance
 - (d) writer : blot
- 6. HYPOCHONDRIAC : HEALTH ::
 - (a) addict : drugs
 - (b) miser : money
 - (c) glutton : food
 - (d) narcotic : sickness

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- 7. BRAKE : AUTOMOBILE ::
 - (a) choke : carburetor
 - (b) conscience : man
 - (c) detergent : society
 - (d) stop : horse

<u>ANTONYM</u>

Direction: In each of the following antonym questions, a word printed in capital letters precedes five lettered words or phrases. From these five lettered words or phrases, pick the one most nearly <u>opposite</u> in meaning to the capitalized word.

8. 9.	PERT: (A)	Polite	(B)	Deliberate	(C)	Moral	(D)	Perishable
	PRAIS (A)	E: Reproof	(B)	Censure	(C)	Thymol	(D)	Trustworthy



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