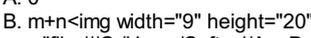


Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	If $f(x) = x^2 - x$ then $f(0)$ is	A. 0 B. 1 C. 2 D. 3
2	The third term in the expansion of $(1+2x)$ is	A. $-2x^2$ B. $-4x^2$ C. $2x^2$ D. $4x^2$
3	$\tan 3x \tan 2x - \tan x$ is equal to	A. $\tan x \tan 2x \tan 3x$ B. $-\tan x \tan 2x \tan 3x$ C. $\tan x \tan 2x - \tan x \tan 3x - \tan 2x \tan 3x$ D. None of these
4	Vector $\underline{i} =$	A. [1,0] B. [0,1,0] C. [0,0,1] D. None of these
5	<input type="text" value="Question Image"/>	A. 5 C. -5 D. none
6	<input type="text" value="Question Image"/>	
7	The common ratio of a geometric sequence cannot be	A. 0 B. 1 C. 2 D. 3
8	If θ be angle between u, v and u, v determine the sides of a triangle then the third side opposite to angle θ has length	A. $ u+v $ B. $ u + v $ C. $ u-v $ D. $ u - v $
9	<input type="text" value="Question Image"/>	A. $2x + 2y$ B. $4 - x^{>2}</sup>$ C. $-x/y$ D. x/y
10	The 7th term of $(3^8 + 6^4x)^{11/4}$ is	A. $-19217/3 x^{>6}</sup>$ B. $189/2 6^{>4}</sup>x$ C. $2227/12 x^{>3}</sup>$ D. $-19712/3 x^{>6}</sup>$
11	<input type="text" value="Question Image"/>	A. A B. 0 C. Unit vector D. None
12	The set of all points in the plane that are equally distant from a fixed point to called a	A. Parabola B. ellipse C. Hyperbola D. Circle
13	How many arrangements of the letters of the word MISSISSIPPI, taken all together can be made?	
14	If A, G, H are the arithmetic, geometric and harmonic means between a and b respectively then A, G, H are in	A. A. P. B. G. P. C. H. P. D. None of these
15	<input type="text" value="Question Image"/>	A. l3 B. r13 C. r D. none
16	If m and n be two scalars, then $(m+n) g =$	A. 0 B. $m+n$  C. $m+n$ D. $m+n$

C. $m_a + n_a$

D. $m_a - m_a$

17 $s > t$ then

A. $(s - t)^2 > (t - s)^2$

B. $(s - t)^2 < (t - s)^2$

C. $(s - t)^2 = (t - s)^2$

D. None

18 A conditional is regarded as false only when the antecedent is true and consequent is

A. True

B. False

C. Known

D. Unknown

19 $(7,9) + (3,-5) =$

A. (4,4)

B. (10,4)

C. (9,-5)

D. (7,3)

20 Question Image