

eExam Question Bank

Coursecode:

Choose Coursecode

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<input type="checkbox"/>	Question Type ↓	Question ↑	A ↑	B ↓	C ↑	D ↓	Answer ↑	Remark ↑
<input type="checkbox"/>	FBQ	Evaluate $250/0.5$ <input type="text"/>	500					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	An arc of a circle of radius 4cm subtends an angle of 85° at the centre of the circle. Calculate the length of the arc. <input type="text"/>	5.95cm					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	An arc of a circle of radius 7cm is 14cm long. What angle does the arc subtend at the centre of the circle? <input type="text"/>	114.5°	114.5 degree				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	A line drawn from the centre of the circle and perpendicular to the chord is a <input type="text"/> of the chord	bisector					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	Expand $(x-y)^2$ <input type="text"/>	$x^2-2xy+y^2$					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	What is a line joining 2 parts of the circumference? <input type="text"/>	Chord					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	What is angle on a straight line? <input type="text"/>	180°	180 degree				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	Solve for x in this inequality $3x - 8 < 5x$ <input type="text"/>	$x > -4$					<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	List all integers in the range $-3 < x < 2$ <input type="text"/> (Do not use comma to separate your list)	-2 -1 0 1					<input type="button" value="eExam"/>

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	An arc of a circle subtend an angle 62° at the circumference, what angle does it subtend at the centre of the circle? <input type="text"/>	124o	124 degree					eExam
<input type="checkbox"/>	FBQ	Find the characteristics of $\log 578$. <input type="text"/>	2						eExam
<input type="checkbox"/>	FBQ	Arrange +5, -1, +1, 0, -3 in order smallest first. <input type="text"/> (Do not separate your list with commas)	(-3 -1 0 +5						eExam
<input type="checkbox"/>	FBQ	What describes the relationship between variables? <input type="text"/>	Formula						eExam
<input type="checkbox"/>	FBQ	What is the coefficient of x in the expansion of $(x-y)^3$ <input type="text"/>	3						eExam
<input type="checkbox"/>	FBQ	Siplify $5a(3a-2)-2a(a+5)$ <input type="text"/>	$13a^2 - 20a$						eExam
<input type="checkbox"/>	FBQ	The radius of a circle is 12cm. A chord of the circle is 16cm long. Calculate the distance of the chord from the centre of the circle. <input type="text"/>	8.9cm						eExam
<input type="checkbox"/>	FBQ	A chord of length 24cm is 13cm from the centre of the circle. Calculate the radius of the circle. <input type="text"/>	18c	17.7cm					eExam
<input type="checkbox"/>	FBQ	Calculate the volume of a cylinder whose diameter is 6cm and length is 21cm. <input type="text"/>	594cm^2						eExam
<input type="checkbox"/>	FBQ	Express 55% as decimal <input type="text"/>	0.55						eExam
<input type="checkbox"/>	FBQ	Evaluate $\frac{1}{3}$ of 24 + $\frac{1}{4}$ of 60 <input type="text"/>	23						eExam
<input type="checkbox"/>	FBQ	What is the quotient when 256 is divided by 8? <input type="text"/>	32						eExam

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	What is the remainder when 785 is divided by 12? <input type="text"/>	5						eExam
<input type="checkbox"/>	FBQ	The expression $x^n + x^{n-1} + x^{n-2} + \dots + a$, for $n > 2$ is called <input type="text"/>	Polynomial						eExam
<input type="checkbox"/>	FBQ	The expression of the form $x^3 + 6x^2 - 5x - 10$ is called <input type="text"/>	Trinomial						eExam
<input type="checkbox"/>	FBQ	What is the coefficient of ab in the expansion of $(a-b)^2$ <input type="text"/>	-2						eExam
<input type="checkbox"/>	FBQ	The parallel sides of a trapezium are 10cm and 16cm. If the area of the trapezium is 98cm^2 . Calculate the distance between the parallel sides. <input type="text"/>	5.4cm						eExam
<input type="checkbox"/>	FBQ	Find the area of a sector of a circle with radius 14cm and 1600° as angle at the centre. <input type="text"/>	273.8cm^2						eExam
<input type="checkbox"/>	FBQ	What is the length of the cylinder with curved surface area 186cm^2 and diameter 14cm. <input type="text"/>	4.22cm						eExam
<input type="checkbox"/>	FBQ	Calculate the total surface area of a solid cylinder of radius 7cm and height 20cm. <input type="text"/>	1180cm^2						eExam
<input type="checkbox"/>	FBQ	Town A is 4km west of town B and town C is 3km east of town B, how far is town A from town C? <input type="text"/>	7km						eExam
<input type="checkbox"/>	FBQ	A tank holds 25 litres of water. The capacity of a cup is $\frac{3}{10}$ of a litre. How many cups of water does the tank holds? <input type="text"/>	83.3333333333						eExam
<input type="checkbox"/>	FBQ	Simplify $(625)^{\frac{3}{4}}$ <input type="text"/>	125						eExam

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	Write 34572 in expanded form, What is the actual value of 5? <input type="text"/>	500	5×10^2				eExam
<input type="checkbox"/>	FBQ	Three points X, Y, Z are collinear. X is 7cm to the left of Y and Z is 5cm to the left of Y. How far is point X from Z <input type="text"/>	2cm					eExam
<input type="checkbox"/>	MCQ	What is the total surface area of a cuboid of length 5cm, width 6cm and length 12cm?	360cm ²	224cm ²	324cm ²	162cm ²	C	eExam
<input type="checkbox"/>	MCQ	A cylinder has a radius of 6cm and a height of 4cm. What is the area of the curved surface?	1056cm ²	150.9cm ²	159m ²	15.9cm ²	B	eExam
<input type="checkbox"/>	MCQ	Calculate the total surface area of a cone of slant height 5m and radius 2m.	44cm	308m	44m ²	220m ²	C	eExam
<input type="checkbox"/>	MCQ	Solve for m in $6m^2 = m + 1$	$\frac{1}{2}$ or $\frac{1}{3}$	$\frac{1}{6}$ or $\frac{1}{3}$	$\frac{1}{2}$	41642	A	eExam
<input type="checkbox"/>	MCQ	What is the coefficient of x^2 in equation $-7x^2 + 6x + 10 = 0$	$-7x^2$	-7	7	-1	B	eExam
<input type="checkbox"/>	MCQ	A man get N1000 for 10 days of work. Find the amount he got for 5 days.	500	N500	N5000	N50	B	eExam
<input type="checkbox"/>	MCQ	Solve for x and y in these eqns $2x - 5y = 7$ and $xy = 6$	(6, 1) (-5/2, 12/5)	(1, 1) (5/2, 12/5)	(6, 1) (5/2, 12/5)	(1, 6) (12/5, -5/2)	A	eExam
<input type="checkbox"/>	MCQ	A triangle has ___	3 angles and 2 sides	2 sides and 2 angles	4 sides and 3 angles	3 sides and 3 angles	D	eExam
<input type="checkbox"/>	MCQ	What describes the relationship between variables?	Formula	Unknown	Equation	Subject of change	A	eExam
<input type="checkbox"/>	MCQ	Less and equal to is denoted by which of the following sign.	<	>	<	>	C	eExam
<input type="checkbox"/>	MCQ	Simplify $(625)^{5/4}$	25	125	525	625	D	eExam
<input type="checkbox"/>	MCQ	Express in standard form 0.000689	6.89×10^{-4}	689×10^4	6.89×10^4	6.89×10^{-3}	A	eExam
<input type="checkbox"/>	MCQ	A plane shape bounded by three straight lines is	square	rectangle	triangle	rhombus	C	eExam
<input type="checkbox"/>	MCQ	Arrange +8, -18, +1, 0, -1 in order smallest first.	-18, -1, 0, +1, +8	-18, 0, +8, +1, -1	0, -1, +1, +18, +8	+8, +1, 0, -1, -18	A	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	Add up $-28 + (-5)$	43	-43	-33	33	B	eExam
<input type="checkbox"/>	MCQ	Which of the following is not prime number?	2	3	7	9	D	eExam
<input type="checkbox"/>	MCQ	Express 18 as a product of power of its prime	2×3^2	3×3^4	2×3	32	A	eExam
<input type="checkbox"/>	MCQ	Simplify 52×53	55	55	5253	5 3	B	eExam
<input type="checkbox"/>	MCQ	One of these is not among types of triangle.	Parallelogram	Scalene	Equilateral	Right-angled	C	eExam
<input type="checkbox"/>	MCQ	What is the sum of angles in a triangle?	360°	105°	180	180°	D	eExam
<input type="checkbox"/>	MCQ	One of these is not conditions for congruency.	SSS	SAS	AAA	AAS	C	eExam
<input type="checkbox"/>	MCQ	When are two triangles said to be similar?	Obeys Pythagoras theorem	Obeys mid-point theorem	Are equiangular to one another	Are proportional in sizes	C	eExam
<input type="checkbox"/>	MCQ	What are the other two sides of right-angled isosceles triangles?	300, 600	450, 450	500, 400	45, 45	B	eExam
<input type="checkbox"/>	MCQ	The closed curve by which a circle is bounded is called _____.	Radius	Diameter	Sphere	Circumference	D	eExam
<input type="checkbox"/>	MCQ	A chord of a circle is 18cm long. The radius of the circle is 15cm. calculate the distance of the mid-point of the chord from the centre of the circle.	144	12	12cm	1.2cm	C	eExam
<input type="checkbox"/>	MCQ	Remove bracket $-3(a^2 - 2)$	$-3a^2 - 6$	$6 - 3a^2$	$3a^2$	$6 + 3a^2$	B	eExam
<input type="checkbox"/>	MCQ	Solve for x in this inequality $3x - 8 < 5x$	$x < -4$	$x > -4$	$x > 4$	$x > 4$	B	eExam
<input type="checkbox"/>	MCQ	Find the range of values for $1 < x < 4$	1, 2, 3, 4	2, 3	1, 2, 3	1, 4	B	eExam
<input type="checkbox"/>	MCQ	Real number line consist of _____	-ve, 0 and +ve numbers	-ve and +ve numbers	+ve and 0 numbers	-ve and 0 numbers	A	eExam
<input type="checkbox"/>	MCQ	The length of an arc bounding a sector of a circle of radius 3cm is 7cm, calculate the area of the sector.	12cm^2	10.5	10.5cm^2	105cm^2	C	eExam
<input type="checkbox"/>	MCQ	An arc AB subtends an angle of 60° at the centre of a circle of radius 4cm. Calculate the area of the major sector.	41.90cm^2	41.9cm^2	419cm^2	420cm^2	B	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	Evaluate 32.56×9.563	3114	31.14	311.4	31140	C	eExam
<input type="checkbox"/>	MCQ	What are the angles of an isosceles right angled triangle?	30, 60, 90	60, 60, 60	45, 45, 60	45, 45, 90	D	eExam
<input type="checkbox"/>	MCQ	Evaluate $30/0.5$	6	60	10	15	B	eExam
<input type="checkbox"/>	MCQ	Convert 156ten to base two	1001110two	10011two	10011100two	11100two	C	eExam
<input type="checkbox"/>	MCQ	Find the surface area of a right circular cone whose height is 7.2cm and slant height is 7.5cm.	21cm ²	2.1cm ²	63.4cm ²	44.4cm ²	C	eExam
<input type="checkbox"/>	MCQ	Calculate the volume of a cone given its length as 10cm and radius 6cm.	301.7cm ³	8cm ³	301.7cm ²	3000cm ²	A	eExam
<input type="checkbox"/>	MCQ	Find the characteristics of 5678.	1	2	3	4	C	eExam
<input type="checkbox"/>	MCQ	The longest line drawn across a circle is called	radius	diameter	arc	chord	D	eExam
<input type="checkbox"/>	MCQ	Factorize $a^2 - b^2$	$a + b$	$a - b$	$(a + b)(a + b)$	$(a + b)(a - b)$	D	eExam
<input type="checkbox"/>	MCQ	Factorize completely $16h^2 - 25$	$(h + 5)(h - 5)$	$(4h + 5)(4h - 5)$	$(4h - 5)(4h - 5)$	$(4h + 5)(4h + 5)$	B	eExam
<input type="checkbox"/>	MCQ	Factorize completely $m^2 - 11m + 2r$	$(m + 7)(m + 4)$	$(m - 7)(m - 4)$	$(m + 7)(m - 4)$	$(m - 7)(m + 4)$	B	eExam
<input type="checkbox"/>	MCQ	Find the length of a chord of a circle of radius 36cm if chord is 12cm from the centre of the circle.	33.94cm	68cm	68	6.8cm	B	eExam
<input type="checkbox"/>	MCQ	Calculate the radius of a circle whose area is given as 3850cm ²	40cm	35	35m	35cm	D	eExam
<input type="checkbox"/>	MCQ	An arc AB subtends an angle of 60° at the centre of a circle of radius 4cm. Calculate the area of the minor sector.	8.4cm	8.4cm ²	21.2cm ²	2.52cm ²	B	eExam
<input type="checkbox"/>	MCQ	The angle of a sector of a circle is 295°. Calculate the radius if the area of the sector is 35.2cm ²	4cm	13.67cm	7cm	5cm	A	eExam
<input type="checkbox"/>	MCQ	The intercept of x-axis and y-axis on the Cartesian plane is called	abissae	y-coordinate	x-coordinate	origin	D	eExam
<input type="checkbox"/>	MCQ	Given an equation $y = x^2 - 3x - 2$ for $0 < x < 4$. Find y when $x = 4$	4	-2	2	-4	C	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	Multiply 1234five by 4	11101five	1101five	1111five	1011five	A	eExam
<input type="checkbox"/>	MCQ	Round off 16.8077 to two decimal places.	16.808	16.8	16.81	16.807	C	eExam
<input type="checkbox"/>	MCQ	Approximate 186.75 to 2 significant figures.	200	190	187	186	B	eExam
<input type="checkbox"/>	MCQ	Add up 213four and 321four	120four	1200four	1201four	535	B	eExam
<input type="checkbox"/>	MCQ	Divide 2302four by 2	1651	1211four	1121four	1211four	C	eExam
<input type="checkbox"/>	MCQ	Which type of equation is $3x^2 - 5x + 3 = 0$?	Polynomial	Quadratic	Linear	Simultaneous	B	eExam
<input type="checkbox"/>	MCQ	In a quadratic graph, the points at which the curve cuts the x-axis are called the ___ of the equation.	solutions	answers	roots	pairs	C	eExam
<input type="checkbox"/>	MCQ	What is the process of finding the numerical value of a variable in a formula, when the values of the other variables are given?	Elimination	Substitution	Formula	Change of change	B	eExam
<input type="checkbox"/>	MCQ	What is the total surface area of a cube of side 0.5cm?	1.5cm ²	1.0cm ²	0.5cm ²	0.25cm ²	A	eExam
<input type="checkbox"/>	MCQ	Solve for p in the equation $4p + 42 = 10p + 12$	2	15	10	5	D	eExam
<input type="checkbox"/>	MCQ	Solve for t in equation $11 = 9t - 16$	-3	6	3	9	C	eExam
<input type="checkbox"/>	MCQ	A rectangle is 4times as long as it is wide. If the perimeter of the rectangle is 50cm, find the length of the rectangle.	5cm	20	20cm	2cm	C	eExam

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