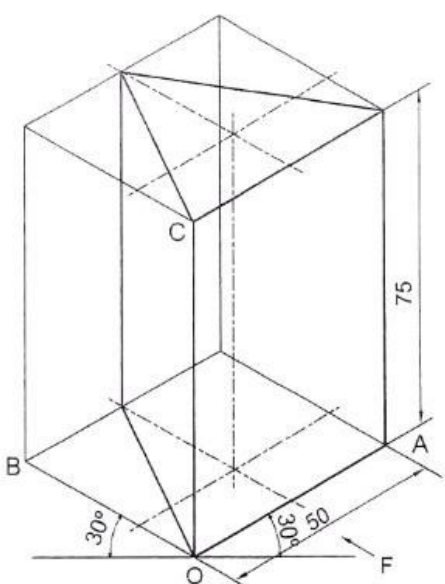


Question ID	1894
Question Type	MCQ
Question	All the three principal axes appear to be inclined to each other at an equal angle of _____ in isometric projection.
Options	
A	1. 30°
B	2. 120°
C	3. 90°
D	4. 60°

Question ID	1895
Question Type	MCQ
Question	_____ scale is used to measure the foreshortened length of the dimensions of any object to draw its isometric projection.
Options	
A	1. Dimetric
B	2. Isometric
C	3. True
D	4. Diagonal

Question ID	1896
Question Type	MCQ
Question	Choose the correct option for the given isometric projection:  1. An equilateral triangular prism is resting on its base on HP with one of its base edges parallel to VP and near the observer. 2. An equilateral triangular prism is resting on its base on HP with one of its

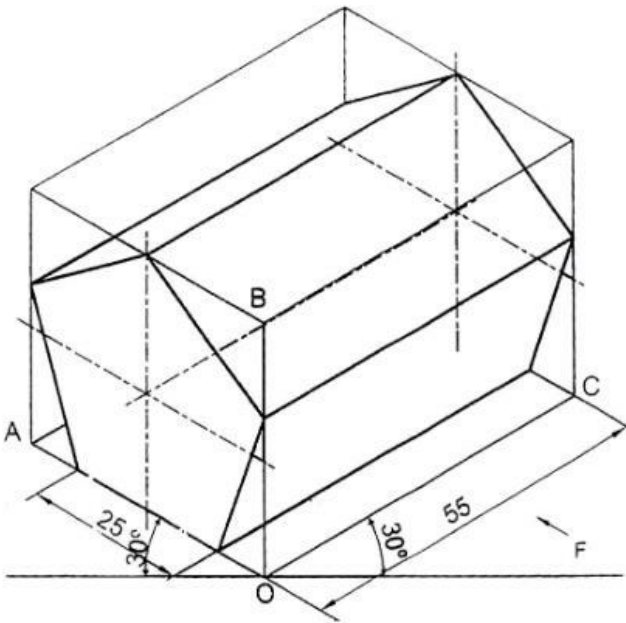
2. An equilateral triangular prism is resting on its base on HP with one of its base edges parallel to VP and near to it.
3. An equilateral triangular prism is resting on its base on HP with one of its base edges perpendicular to VP.
4. An equilateral triangular prism is resting on its rectangular face on HP with triangular faces parallel to VP.

Options	
A	1
B	2
C	3
D	4

Question ID	1897
Question Type	MCQ

Question

Choose the **correct** statement for the given Isometric Projection:



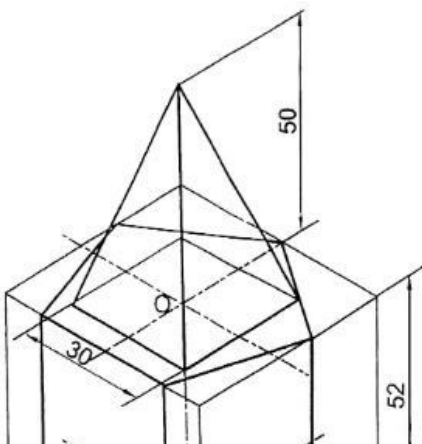
1. A Pentagonal Prism is resting on HP on its rectangular face.
2. A Pentagonal Pyramid is resting on HP on its base.
3. A Pentagonal Prism is resting on HP on its long edge.
4. A Pentagonal Prism is resting on HP on its base.

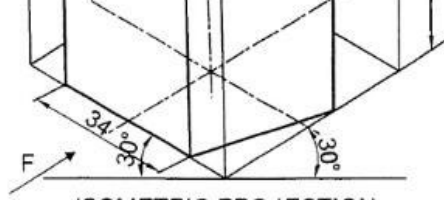
Options	
A	1
B	2
C	3
D	4

Question ID	1898
Question Type	MCQ

Question

Choose the **correct** option for the given isometric projection of combination of solids:





ISOMETRIC PROJECTION

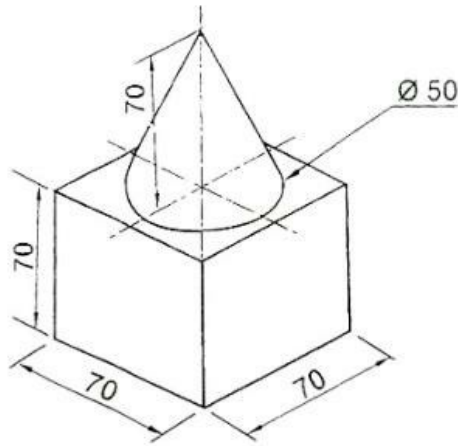
1. Axes of both solids are collinear.
2. Axes of both solids are inclined to each other at 30° angle.
3. Axes of both solids are perpendicular to each other.
4. Axes of both solids are horizontal.

Options

- | | |
|---|---|
| A | 1 |
| B | 2 |
| C | 3 |
| D | 4 |

Question ID 1899
Question Type MCQ

Choose the **correct** statement for the given figure:



1. An inverted cone is resting on a cube having vertical common axis.
2. A cylinder is resting on a rectangular prism having horizontal axis.
3. A cone is resting on a cube having vertical common axis.
4. A horizontal cone is resting on a cube having horizontal common axis.

Options

- | | |
|---|---|
| A | 1 |
| B | 2 |
| C | 3 |
| D | 4 |

Question ID 1902
Question Type MCQ

In screw thread profile, it is the diameter of the cylinder from which external threads are cut out.

1. Minor Diameter
2. Chamfer Diameter
3. Nominal Diameter
4. Pitch Diameter

Options

- | | |
|---|---|
| A | 1 |
| B | 2 |
| C | 3 |
| D | 4 |

Question ID	1904
Question Type	MCQ
Question	Shank length of a bolt is length _____. 1. excluding threaded length of the bolt 2. excluding thickness of the head of the bolt 3. including thickness of the head of the bolt 4. excluding threaded length but including thickness of the head of the bolt
Options	
A	1
B	2
C	3
D	4

Question ID	1908
Question Type	MCQ
Question	Upper corners of a nut are 'chamfered' and the angle of chamfer is usually _____ with the base of the nut. 1. 30° 2. 45° 3. 60° 4. 90°
Options	
A	1
B	2
C	3
D	4

Question ID	1910
Question Type	MCQ
Question	A circular plate with a hole in its center is a _____. 1. Sleeve 2. Nut 3. Rivet 4. Washer
Options	
A	1
B	2
C	3
D	4

Question ID	1913
Question Type	MCQ
Question	In the conventional representation of external threads, the limit of useful length of the thread is indicated by a _____, perpendicular to the axis. 1. Dotted line 2. Thin line 3. Thick line 4. Chain thin line
Options	
A	1
B	2
C	3
D	4

Question ID	1916
Question Type	MCQ
Question	It has threads at its both ends. 1. Screw 2. Rivets 3. Stud 4. Gib
Options	
A	1
B	2
C	3
D	4

Question ID	1919
Question Type	MCQ
Question	In pressure cooker, its handle is joined to its body by means of _____. 1. Nut and bolt 2. Rivets 3. Stud 4. Gasket
Options	
A	1
B	2
C	3
D	4

Question ID	1922
Question Type	MCQ
Question	The thickness/height of the head of a round head screw of size M20 is _____. 1. 50 mm 2. 5 mm 3. 10 mm 4. 16 mm
Options	
A	1
B	2
C	3
D	4

Question ID	1923
Question Type	MCQ
Question	The part of the bearing which can be easily replaced, when worn out is known as _____. 1. Journal 2. Body 3. Padding 4. Bush
Options	
A	1
B	2
C	3
D	4

Question ID	1925
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Question Type	MCQ
Question	The journal bearing used for higher loads at medium speed is _____. 1. Open Bearing 2. Pivot Bearing 3. Bush Bearing 4. Rolling Bearing
Options	
A	1
B	2
C	3
D	4

Question ID	1926
Question Type	MCQ
Question	The gib prevents _____besides holding the jaws of the strap from opening wide when the cotter is inserted in a Gib and Cotter joint. 1. alignment of the joint 2. slacking of the joint 3. smoothening of the joint 4. the loss of material of the joint
Options	
A	1
B	2
C	3
D	4

Question ID	1928
Question Type	MCQ
Question	Sleeve and cotter joint is useful for light transmission of _____. 1. Pressure 2. Axial loads 3. Shearing force 4. Rods
Options	
A	1
B	2
C	3
D	4

Question ID	1930
Question Type	MCQ
Question	A Turnbuckle is used in _____. 1. Shaft Bearing 2. Railway Track 3. Boxing Ring 4. Steel Cooker
Options	
A	1
B	2
C	3
D	4

Question ID	1932
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Question Type	MCQ
Question	_____ is placed between the two faces of flanges in a flange pipe joint. 1. Stud 2. Washer 3. Rubber Gasket 4. Cotter
Options	
A	1
B	2
C	3
D	4

Question ID	1935
Question Type	MCQ
Question	All dimensions of hexagonal bolt and hexagonal nut are same except the _____. 1. chamfering angle 2. height/thickness of head of bolt and nut 3. radius of arc visible in its front view (when their axis is parallel to HP & VP) 4. diameter of chamfering circle
Options	
A	1
B	2
C	3
D	4

Question ID	1936
Question Type	MCQ
Question	Height/thickness of head of 'Cheese Head Screw' with diameter 20 mm is _____. 1. 10 mm 2. 16 mm 3. 5 mm 4. 30 mm
Options	
A	1
B	2
C	3
D	4

Question ID

1940

Question Type

MCQ

Question

Match the **LIST-I** with **LIST-II** for isometric scale:

LIST-I		LIST-II	
A.	True lengths are drawn with the base line at an angle of ____	I.	30°
B.	Isometric lengths are drawn with the base line at an angle of ____	II.	45°
C.	The projection of all points from true length to isometric length are at an angle of ____ with the base line.	III.	120°
D.	Three axes are equally inclined at an angle of ____ in isometric projection.	IV.	90°

Choose the **correct** answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-III, B-IV, C-I, D-II
3. A-II, B-I, C-IV, D-III
4. A-II, B-III, C-I, D-IV

Options

A	1
B	2
C	3
D	4

Question ID 1943
Question Type MCQ

Question

Match the **LIST-I** with **LIST-II**:

LIST-I		LIST-II	
A.	PITCH	I.	It is the edge of the thread surface farthest from axis (in external thread).
B.	CREST	II.	It is the edge of the thread surface nearest to axis (in external thread).
C.	FLANK	III.	It is the distance between the corresponding points on the adjacent thread surface, measured parallel to axis.
D.	ROOT	IV.	Surface connecting crest and root.

Choose the **correct** answer from the options given below:

1. A-III, B-I, C-IV, D-II
2. A-III, B-IV, C-I, D-II
3. A-III, B-II, C-I, D-IV
4. A-III, B-II, C-IV, D-I

Options

A	1
B	2
C	3
D	4

Question ID 1946
Question Type MCQ

Question

Match the **LIST-I** with **LIST-II**:

LIST-I Machine parts		LIST-II Their features	
A.	Gib	I.	Wedge shaped piece of mild steel block
B.	Cotter	II.	Acts like a hook
C.	Sleeve	III.	A form of fork
D.	Strap	IV.	Hollow cylinder with two rectangular holes

Choose the **correct** answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-I, C-IV, D-III
3. A-IV, B-III, C-II, D-I
4. A-III, B-IV, C-I, D-II

Options

A	1
B	2
C	3
D	4

Question ID	1965
Question Type	MCQ
Question	Identify the correct statements for isometric projection: A. True scale is used to draw isometric projection. B. Isometric scale is used to draw isometric drawing. C. We use, isometric scale to draw isometric projection. D. True scale is used to draw isometric drawing. E. Isometric projection is always bigger in size than isometric drawing. Choose the correct answer from the options given below: 1. A and B Only 2. B and C Only 3. C and D Only 4. D and E Only
Options	
A	1
B	2
C	3
D	4

Question ID	1966
Question Type	MCQ
Question	Identify the correct statements for conventional representation of thread profile: A. The broken circle in the side view of the thread (external) represents the chamfer circle. B. In front view, crest are shown by long dash and small dash line. C. In side view, roots of external threads are represented by dashed circle. D. The crest diameter of the internal thread is 80% of the crest diameter of the external thread. E. In front view, roots are shown by thin continuous line. Choose the correct answer from the options given below: 1. A and E Only 2. B and C Only 3. C and D Only 4. D and E Only
Options	
A	1
B	2
C	3
D	4

Question ID	1967
Question Type	MCQ
Question	Choose the correct statements for 'Bush Bearing': A. Bush Bearing is useful for slow speed. B. A counter sunk hole is drilled at the top of the body. C. Counter sunk hole is provided for bolts in the sole plate. D. In Bush Bearing, the bush is 'U' shaped. E. Bush Bearing is generally placed only at or near the ends of the shafts, as shafts can be inserted end wise only. Choose the correct answer from the options given below: 1. A and C Only 2. D and E Only 3. A and D Only

4. B and E Only

Options

A	1
B	2
C	3
D	4