

CHI TIẾT CÂU B ĐỀ THI

Tên B đề Thi: qn

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Câu 1: There are two types of rake : _____ and _____.

- A. side rake / back rake
-  B. negative rake / positive rake
- C. front rake / back rake
- D. front rake / side rake

Câu 2: What can the thermal method for joining metal be divided into?

- A. welding, bolting and soldering
- B. soldering, riveting and brazing
- C. welding, screwing and brazing
-  D. welding, brazing and soldering

Câu 3: How to find the volume of copper in the pipe.

-  A. multiply the cross sectional area by the length.
- B. divide the cross sectional area by the length.
- C. multiply the length by the width.
- D. multiply the area of the pipe by the length.

Câu 4: To cut soft materials such as wood , chisels with _____ is necessary.

- A. a weaker point
- B. a great angle at the tool point
-  C. a small angle at the point
- D. a smaller angle point

Câu 5: What are the kinds of movement?

- A. clockwise and anticlockwise movements
-  B. rotary and linear movements
- C. gear, pulley and sprocket movements
- D. backward and forward movement

Câu 6: Drills for aluminium have a _____ helix angle and a _____ point angle.

-  A. great / small
- B. small/ great
- C. smallest/ greatest

D. greatest / smallest

Câu 7: How much is the percentage of carbon in cast iron?

A. two percent

B. more than one percent

 C. more than two percent

D. less than three percent

Câu 8: The direction of movement of the top pulley is _____ the direction of movement of the bottom pulley.

 A. the same as

B. the opposite of

C. different from

D. the same

Câu 9: What has the linear movement when using a lathe to produce a cylindrical item?

A. the lathe

B. the feed

C. the work

 D. the tool- point

Câu 10: How to find the volume of steel in the pipe.

 A. multiply the cross sectional area by the length.

B. divide the cross sectional area by the length.

C. multiply the length by the width.

D. multiply the area of the pipe by the length.

Câu 11: What are the two types of atom in cast iron?

 A. iron and carbon

B. iron and cacbon

C. iron and tin

D. iron and nickel

Câu 12: What are the two types of atom in steel?

 A. iron and carbon

B. iron and zinc

C. iron and tin

D. iron and cacbon

Câu 13: How much is the percentage of tin in pewter?

 A. Twenty - five

B. Thirty- three

C. Sixty- seven

D. Seventy- five

Câu 14: The speed of the rotary movement of the work against the tool point when using a lathe to produce a cylindrical item is termed _____.



- A. the cutting speed
- B. the cutting
- C. the feed
- D. the feed speed

Câu 15: _____ have only one type of atom.

- A. most elements
- B. some elements



- C. elements
- D. both a and b

Câu 16: What are the three basic methods of thermal methods to join metals together?



- A. soldering, brazing and welding
- B. thermal method, mechanical method and welding method
- C. adhesive method, mechanical method and thermal method
- D. riveting, screw threads and bolting

Câu 17: How much is the percentage of lead in solder?

- A. Twenty- five
- B. Thirty- three
- C. Seventy- five



- D. Sixty- seven

Câu 18: If the drills have a great helix angle, they have _____.

- A. a great point angle
- B. the quickest spirals



- C. a small point angle
- D. the slowest spirals

Câu 19: What are the two examples of substance?

- A. elements and compounds
- B. pure metals and alloys



- C. water and salt
- D. none is correct.

Câu 20: What does the speed of pulleys in the belt and pulley system depend on?

- A. diameter
- B. belt
- C. diameter of belt



D. diameter of pulleys

Câu 21: The speed of sprockets in the sprocket system depends on_____.

- A. sprockets
- B. number of teeth



C. number of teeth on the sprocket

D. chain

Câu 22: What is the example of linear movement ?

- A. clockwise and anticlockwise movements
- B. backwards and forwards movements
- C. gear, pulley and sprocket movements



D. the movement of the pistons in the cylinder

Câu 23: What does the speed of gears in the gear system depend on ?

- A. number of teeth on a gear
- B. number of teeth on the large gear



C. number of teeth on the gears

D. number of teeth

Câu 24: What are the directions of rotary movements ?



- A. clockwise and anticlockwise movements
- B. rotary and linear movements
- C. gear, pulley and sprocket movements
- D. backward and forward movement

Câu 25: How much is the percentage of tin in solder?

- A. Twenty- five
- B. Thirty- three
- C. Sixty- seven
- D. Seventy- five



Câu 26: What is used to measure the internal diameter of a component?

- A. a ruler
- B. a micrometer caliper



C. a micrometer cylinder gauge

D. a depth micrometer

Câu 27: To find _____, multiply the feed speed by the number of revolutions.

- A. the feed
- B. the cutting speed



C. the feed speed

D. the rotary speed

Câu 28: How many sides do circles have?



- A. zero
- B. one
- C. three
- D. four

Câu 29: Adjust the speed of the drill according to the type of _____ and _____.



- A. material / the size of the hole
- B. material / size of the hole
- C. hole / the size of material
- D. hole / size of material

Câu 30: What is the angle between the lower and upper surfaces of the tool point called?



- A. the angle of inclination
- B. the cutting angle
- C. the rake angle
- D. the clearance angle

Câu 31: Which shapes have three sides?



- A. squares
- B. rectangles
- C. triangles
- D. hexagons

Câu 32: What has the rotary movement when using a lathe to produce a cylindrical item?



- A. the tool
- B. the feed
- C. the work
- D. the tool- point

Câu 33: The linear movement is _____.



- A. process of backward and forward movement.
- B. process of clockwise and anticlockwise movement
- C. process of backward and forward movement on a line
- D. process of movement systems

Câu 34: Which shapes have twelve sides?

- A. squares
- B. cylinders
- C. triangles

 D. cubes

Câu 35: To find _____, multiply the rotary speed by the circumference of the work piece.

A. the feed

 B. the cutting speed

C. the feed speed

D. the rotary speed

Câu 36: Drills for hard materials have the _____ point angle and the _____ helix angle.

A. small/ great

B. smallest/ greatest

 C. great / small

D. greatest/ smallest

Câu 37: The angle between the work surface and the upper surface of the tool is known as_____.

A. the cutting angle

B. the rake angle

C. the clearance angle

 D. none is correct

Câu 38: _____ are measured in millimeters per revolutions.

A. feeds

 B. feed speeds

C. rotary speeds

D. cutting speeds

Câu 39: _____ have two types of atom.

 A. some substances

B. most substances

C. compounds

D. substances

Câu 40: Which kinds of transport have engines and tyres but they don't have wings?

A. planes

 B. cars

C. locomotives

D. bicycles

Câu 41: Which kinds of transport have tyres and wheels but they don't have engines?

A. planes

B. cars

C. locomotives

 D. bicycles

Câu 42: In the gear system of A and B, the speed of A is _____ the speed of B.

- A. the opposite
- B. the same as
- C. the opposite of

 D. different from

Câu 43: What are the two main types of metal ?

A. elements and compounds

 B. pure metals and alloys

- C. pure metals and ferrous alloys
- D. pure metals and non-ferrous alloys

Câu 44: _____ have two clearance angles and two rake angles.

- A. lathe
- B. cutting tools

 C. lathe tools

D. chisels

Câu 45: Which shapes have six sides?

- A. squares
- B. rectangles
- C. triangles

 D. hexagons

Câu 46: There are two types of chisels to work in the engineering: _____.

- A. metal work and wood work
- B. for metal works and for wood works
- C. metal chisels and wood chisels.

 D. metal work chisels and wood work chisels

Câu 47: Metal work chisels have _____ at the point of the tool than wood work chisels.

- A. a smaller point
-  B. a greater angle
- C. a smaller angle
- D. a greater point

Câu 48: The ratio of the speed of pulleys is _____ the size ratio of pulleys.

- A. the same as
-  B. the opposite of
- C. different

D. different from

Câu 49: What is the angle between the work surface and the center of the chisel shank known as?



- A. the angle of inclination
- B. the cutting angle
- C. the rake angle
- D. the clearance angle

Câu 50: _____ have more than one type of atom.

- A. some compounds
- B. some substances
- C. compounds



D. both b and c

Câu 51: What does bronze have?

- A. copper and tin
- B. copper, tin and lead



C. copper, tin and zinc

D. copper , zinc and lead

Câu 52: The ratio of the number of teeth on the sprockets is _____ the size ratio.



- A. the same as
- B. the same
- C. different
- D. different from

Câu 53: Aluminium is a _____ material.

A. hard



B. soft

C. hardest

D. softest

Câu 54: The ratio of the speed of the sprockets is _____ the ratio of the number of teeth on the sprockets .

A. the same as



B. the opposite of

C. different from

D. different

Câu 55: What can the mechanical method for joining metal be broken down into?

A. rivets and solder

B. rivets and brazing



C. rivets and screw threads

D. screw threads and welding

Câu 56: What is used to measure the dimensions of a component?

A. a micrometer caliper

B. rulers

 C. micrometers

D. a depth micrometer

Câu 57: The speed of pulleys in the belt and pulley system depend on _____ of pulleys.

A. diameter of belt

 B. diameter

C. belt

D. diameter of pulleys

Câu 58: Drills for soft materials have the _____ point angle and the _____ helix angle.

A. smallest/ greatest

B. small/ great

 C. great / small

D. greatest/ smallest

Câu 59: What are the two types of atom in brass?

 A. copper and zinc

B. copper and tin

C. copper and lead

D. copper and aluminium

Câu 60: What is used to measure the external diameter of a component?

A. a ruler

 B. a micrometer caliper

C. a micrometer cylinder gauge

D. a depth micrometer

Câu 61: How to find the voltage in an electrical circuit.

A. Use the formula.

 B. multiply the resistance by the current.

C. divide the current by the resistance.

D. divide the resistance by the current

Câu 62: Wood work chisels have _____ at the point of the tool than metal work chisels.

A. a smaller point

B. a greater angle

 C. a smaller angle

D. a greater point

Câu 63: Drills for hard materials have the _____ helix angle and the _____ point angle.

A. smallest/ greatest

 B. small/ great

C. great / small

D. greatest/ smallest

Câu 64: What are the two types of atom in mild steel?

 A. iron and carbon

B. iron and zinc

C. iron and tin

D. iron and cacbon

Câu 65: The speed of gears in the gear system depends on _____ on the gear.

A. number of teeth on the small gear

B. number of teeth on the large gear

C. number of teeth on the gears

 D. number of teeth

Câu 66: What are the kinds of substance?

 A. elements and compounds

B. pure metals and alloys

C. ferrous and non-ferrous

D. none is correct.

Câu 67: _____ are often measured in metres per minute.

A. feeds

 B. cutting speeds

C. feed speeds

D. rotary speeds

Câu 68: The movement of the front sprocket and the movement of the rear one in the chain and sprocket system are _____.

A. the same as

 B. the same

C. different

D. the opposite

Câu 69: What are the two main types of alloy ?

 A. ferrous alloys and non-ferrous alloys

B. pure metals and alloys

C. pure metals and ferrous alloys

D. pure metals and non-ferrous alloys

Câu 70: Drills for soft materials have _____ and _____.

A. the greatest helix angle and the smallest point angle

 B. a great helix angle and a small point angle.

C. the smallest helix angle and the greatest point angle

D. a small helix angle and a great point angle

Câu 71: What is used to measure the depth of a component?

A. a ruler

B. a micrometer caliper

C. a micrometer cylinder gauge

 D. a depth micrometer

Câu 72: Which kinds of transport have wheels and engines but they don't have tyres?

A. cars

B. planes

 C. locomotives

D. bicycles

Câu 73: The linear movement of the tool along the work when using a lathe to produce a cylindrical item is called _____.

A. the feed speed

 B. the feed

C. the work

D. the cutting speed

Câu 74: What does the speed of sprockets in the sprocket system depend on?

A. sprockets

B. number of teeth

 C. number of teeth on the sprocket

D. chain

Câu 75: If the drills have a great point angle, they have _____.

A. a great helix angle

B. the quickest spirals

 C. a small helix angle

D. the slowest spirals

Câu 76: There are two rake angles when using a lathe to cut : _____ and _____.

 A. side rake / back rake

B. negative rake / positive rake

- C. front rake / back rake
- D. front rake / side rake

Câu 77: How many sides do rectangle have?

A. three



B. four

C. five

D. six

Câu 78: What is the angle between the work surface and the lower surface of the tool known as?

A. the angle of inclination

B. the cutting angle

C. the rake angle



D. the clearance angle

Câu 79: Which shapes don't have sides?

A. squares



B. circles

C. triangles

D. cubes

Câu 80: What are the three basic methods of joining used to join metals together?

A. thermal method, mechanical method and welding method

B. soldering, brazing and welding



C. adhesive method, mechanical method and thermal method

D. riveting, screw threads and bolting

Câu 81: The speed of the sprockets depends on _____ on the sprockets in the chain and sprocket system.

A. teeth



B. number of teeth

C. number of teeth on the sprockets

D. sprockets

Câu 82: Which shapes have four sides?



A. squares

B. cylinders

C. triangles

D. cubes

Câu 83: The angle between the upper surface of the tool point and a line perpendicular to the work is known as _____.



A. the rake angle

B. the clearance angle

- C. the cutting angle
- D. the angle of inclination

Câu 84: In the gear system of A and B, the direction of movement of A is _____ the direction of movement of B.

- A. the same as
- B. the opposite
-  C. the opposite of
- D. different from

Câu 85: What are the two main types of material?

- A. ferrous and non-ferrous alloys
- B. pure metals and alloys
- C. pure metals and non-metal
-  D. metals and non-metals

Câu 86: Drills with the smallest helix angle and the greatest point angle have _____.

-  A. the slowest spiral
- B. the greatest spiral
- C. the smallest spiral
- D. the quickest spiral

Câu 87: How many types of substance are there?

-  A. two
- B. three
- C. four
- D. five

Câu 88: To cut metals, chisels with _____ is necessary.

- A. a stronger point
-  B. a great angle at the tool point
- C. a greater angle at the point
- D. a smaller angle point

Câu 89: How much is the percentage of carbon in steel?

- A. two percent
- B. three percent
- C. more than one percent
-  D. less than two percent

Câu 90: The movement of the front sprocket is _____ the movement of the rear one in the chain and sprocket system.

-  A. the same as

- B. different
- C. the opposite of
- D. different from

Câu 91: What does invar have?

- A. iron and cacbon
- B. iron and carbon
- C. iron and tin
-  D. iron and nickel

Câu 92: Which kinds of transport have wings , wheels and engines?

- A. cars
-  B. planes
- C. locomotives
- D. bicycles

Câu 93: Steel is a ferrous alloy because it has _____.

-  A. iron
- B. carbon
- C. cacbon
- D. cast iron

Câu 94: Drills with the greatest helix angle and the smallest point angle have _____.

- A. the slowest spiral
- B. the greatest spiral
- C. the smallest spiral
-  D. the quickest spiral

Câu 95: How much is the percentage of lead in pewter?

- A. Twenty- five
- B. Thirty- three
- C. Sixty- seven
-  D. Seventy- five

Câu 96: How many sides do triangles have?

-  A. three
- B. four
- C. five
- D. six