

DAE Knitting Engineers Interview Questions And Answers Guide.



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DAE Knitting Engineers Job Interview Preparation Guide.

Question # 1

Explain weaving?

Answer:-

The process of interlacing two sets of yarns namely warp and weft, at right angle to make a fabric, according to design.

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Question # 2

Explain knitting?

Answer:-

It is the process of producing fabric by transferring continuous yarns into interlocking loops, each row of loop hanging from the one immediately preceding it.

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Question # 3

Tell me how many sets of yarn are used in knitting?

Answer:-

One set (warp or weft).

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Question # 4

Is sizing required in knitted fabric?

Answer:-

No

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Question # 5

List down the types/ classification of knitting?

Answer:-

Two types:

* Warp knitting

* Weft knitting.

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Question # 6

Is yarn preparation is needed in knitting?

Answer:-

No.

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Question # 7

Tell me how many sets of yarn are used in weaving?

Answer:-

Two sets (warp and weft).

[Read More Answers.](#)

**Question # 8**

Is knitting fabric produce by inter looping?

Answer:-

Yes

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Question # 9

Tell me in which knitting, a fabric is produce by single yarn?

Answer:-

Weft knitting

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Question # 10

Is weaving fabric produce by interlacing?

Answer:-

Yes

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Question # 11

What is other name of warp yarn?

Answer:-

Ends

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Question # 12

List down the loom driving system?

Answer:-

- * Hand driving (hand loom) &
- * Electric motor driving (power loom)

[Read More Answers.](#)

Question # 13

List down/ what are the different types of shed?

Answer:-

- * Bottom close shed
- * Center close shed
- * Semi-open shed
- * Open shed

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Question # 14

Normally tapped shedding mechanism produces square design (e.g. 4x4, 6x6, 7x7, etc.)

Yes or no?

Answer:-

Yes

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Question # 15

Can we produce basic weave structures (i.e plain, twills satin) in tapped shedding?

Answer:-

Yes

[Read More Answers.](#)

Question # 16

Where the open shed is used?

Answer:-

Tapped loom

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Question # 17

Explain fabric?

**Answer:-**

Interlacement of two or more thread of yarn.

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Question # 18

Explain primary motion?

Answer:-

The primary motion are as follows-

- * Shedding
- * Picking
- * Beating

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Question # 19

Explain secondary motion?

Answer:-

The secondary motion are as follows:

- Let off
- Take-up

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Question # 20

Explain tertiary motion?

Answer:-

The tertiary motion are as follows-

- * Warp stop motion
- * Weft stop motion
- * Warp protector
- * Weft protector

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Question # 21

Where bottom & center close shed are used?

Answer:-

Hand jacquard looms to produce delicate fabrics.

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Question # 22

Where the semi-open shed is used?

Answer:-

Double lift dobby & Jacquard.

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Question # 23

One shedding + one picking + one beating =?

Answer:-

One weaving cycle/ loom cycle/picks cycle

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Question # 24

Explain result of unequal shedding?

Answer:-

Wrong design & stitching

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Question # 25

One picking tapped insert one pick?

Answer:-

True

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Question # 26



What are maximum numbers of held frame controlling capacity in tapped shedding mechanism?

Answer:-

14

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Question # 27

Dobby shedding mechanism can produce both square and rectangular size design?

Answer:-

Yes

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Question # 28

Which types of design can be produced by Jacquard looms?

Answer:-

Any design

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Question # 29

Which are maximum numbers of warp threads controlling capacity in Jacquard loom?

Answer:-

1800

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Question # 30

What materials form the base of the size?

Answer:-

Starch or gum

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Question # 31

Explain sizing?

Answer:-

Sizing is the process of giving a protective coating on the warp yarn to minimize yarn breakage during weaving.

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Question # 32

List the types of loom?

Answer:-

* Hand loom

* Power loom

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Question # 33

List the types of power loom?

Answer:-

* Modern/shuttle less loom

* Conventional/shuttle loom

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Question # 34

Explain picking?

Answer:-

To propel the shuttle or any other weft inserting elements.

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Question # 35

Actual production of a m/c is always less than that calculated production?

Answer:-

True

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**Question # 36**

Explain object of beat-up mechanism?

Answer:-

To push the newly inserted weft yarn (last pick) to the fell of the cloth.

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Question # 37

Explain function of take-up mechanism?

Answer:-

To wind the already woven fabric on the cloth roller with the progress of weaving.

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Question # 38

Explain pick spacing?

Answer:-

The space occupied by a pick in fabric.

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Question # 39

Explain let-off mechanism?

Answer:-

To unwind the equivalent length of warp sheet from the warp beams with the progress of take-up during weaving.

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Question # 40

Explain basic weave structures?

Answer:-

- (i) Plain
- (ii) Twill
- (iii) Satin

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Question # 41

List down/Classify the types of sett?

Answer:-

- * Warp sett (No. of warp/inch)
- * Weft sett (no. of weft/inch)

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Question # 42

Explain weave?

Answer:-

Interlacement of the ends and picks with each other produces a coherent structure. The repeating pattern of interlacing is called the weave.

[Read More Answers.](#)

Question # 43

Explain warp & weft crimp?

Answer:-

The waviness of the yarns due to interlacing of warp and weft in producing fabric is called crimp.

[Read More Answers.](#)

Question # 44

Explain face loop?

Answer:-

The loop where heads are below and hanks are above is called face loop.

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Question # 45

Explain back loop?

Answer:-



The loop where heads are above and hanks are below is called back loop.

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Question # 46

List the basic knitted structure?

Answer:-

- * single jersey or plain
- * 1x1 rib
- * 1x1 inter lock
- * 1x1 purl

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Question # 47

List down the weft knitting elements?

Answer:-

- * Needle
- * Sinker
- * Cam

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Question # 48

List down the types of needle?

Answer:-

- * Latch needle
- * Bearded needle
- * Compound needle

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Question # 49

List some abbreviations?

Answer:-

- PPM = picks per minute
- PPI = picks per inch
- EPI = Ends per inch
- RS = Reed space

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Question # 50

Write down the faults of picking?

Answer:-

- * Early picking
- * Late picking
- * Smash or Bang-off
- * Short picking
- * Harsh picking
- * Shuttle flying out

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Question # 51

List down/what are the types of shedding mechanism?

Answer:-

- * Paddle/treadle shedding (used in hand loom)
- * Tappet shedding (used in power loom)
- * Dobby shedding (used in power loom, at past used in hand loom)
- * Jacquard shedding (both hand & power loom are used now)
- * Combined shedding

[Read More Answers.](#)

Question # 52

Explain shedding?

Answer:-

Shedding is the act of dividing the warp threads according to design into two parts, to allow the passage of shuttle/weft inserting element from one side of the loom to the other.

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