

DAE Knitting Engineers Job Interview Questions And Answers



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DAE Knitting Engineers Interview Questions And Answers Guide.

Question - 1:

Explain shedding?

Ans:

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.

[View All Answers](#)

Question - 2:

List down/what are the types of shedding mechanism?

Ans:

- * 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

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Question - 3:

Write down the faults of picking?

Ans:

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

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Question - 4:

List some abbreviations?

Ans:

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

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Question - 5:

List down the types of needle?

Ans:

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

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Question - 6:



List down the weft knitting elements?

Ans:

- * Needle
- * Sinker
- * Cam

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Question - 7:

List the basic knitted structure?

Ans:

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

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Question - 8:

Explain back loop?

Ans:

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

[View All Answers](#)

Question - 9:

Explain face loop?

Ans:

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

[View All Answers](#)

Question - 10:

Explain warp & weft crimp?

Ans:

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

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Question - 11:

Explain weave?

Ans:

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

[View All Answers](#)

Question - 12:

List down/Classify the types of sett?

Ans:

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

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Question - 13:

Explain basic weave structures?

Ans:

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

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Question - 14:

Explain let-off mechanism?

Ans:

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

[View All Answers](#)

Question - 15:



Explain pick spacing?

Ans:

The space occupied by a pick in fabric.

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Question - 16:

Explain function of take-up mechanism?

Ans:

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

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Question - 17:

Explain object of beat-up mechanism?

Ans:

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

[View All Answers](#)

Question - 18:

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

Ans:

True

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Question - 19:

Explain picking?

Ans:

To propel the shuttle or any other weft inserting elements.

[View All Answers](#)

Question - 20:

List the types of power loom?

Ans:

- * Modern/shuttle less loom
- * Conventional/shuttle loom

[View All Answers](#)

Question - 21:

List the types of loom?

Ans:

- * Hand loom
- * Power loom

[View All Answers](#)

Question - 22:

Explain sizing?

Ans:

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

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Question - 23:

What materials form the base of the size?

Ans:

Starch or gum

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Question - 24:

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

Ans:

1800

[View All Answers](#)



Question - 25:

Which types of design can be produced by Jacquard looms?

Ans:

Any design

[View All Answers](#)

Question - 26:

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

Ans:

Yes

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Question - 27:

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

Ans:

14

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Question - 28:

One picking tapped insert one pick?

Ans:

True

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Question - 29:

Explain result of unequal shedding?

Ans:

Wrong design & stitching

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Question - 30:

One shedding + one picking + one beating =?

Ans:

One weaving cycle/ loom cycle/picks cycle

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Question - 31:

Where the semi-open shed is used?

Ans:

Double lift dobby & Jacquard.

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Question - 32:

Where bottom & center close shed are used?

Ans:

Hand jacquard looms to produce delicate fabrics.

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Question - 33:

Explain tertiary motion?

Ans:

The tertiary motion are as follows-

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

[View All Answers](#)

Question - 34:

Explain secondary motion?

Ans:



The secondary motion are as follows:

Let off
Take-up

[View All Answers](#)

Question - 35:

Explain primary motion?

Ans:

The primary motion are as follows-

- * Shedding
- * Picking
- * Beating

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Question - 36:

Explain fabric?

Ans:

Interlacement of two or more thread of yarn.

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Question - 37:

Where the open shed is used?

Ans:

Tapped loom

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Question - 38:

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

Ans:

Yes

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Question - 39:

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

Yes or no?

Ans:

Yes

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Question - 40:

List down/ what are the different types of shed?

Ans:

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

[View All Answers](#)

Question - 41:

List down the loom driving system?

Ans:

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

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Question - 42:

What is other name of warp yarn?

Ans:

Ends

[View All Answers](#)

Question - 43:

Is weaving fabric produce by interlacing?



Ans:

Yes

[View All Answers](#)

Question - 44:

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

Ans:

Weft knitting

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Question - 45:

Is knitting fabric produce by inter looping?

Ans:

Yes

[View All Answers](#)

Question - 46:

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

Ans:

Two sets (warp and weft).

[View All Answers](#)

Question - 47:

Is yarn preparation is needed in knitting?

Ans:

No.

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Question - 48:

List down the types/ classification of knitting?

Ans:

Two types:

* Warp knitting

* Weft knitting.

[View All Answers](#)

Question - 49:

Is sizing required in knitted fabric?

Ans:

No

[View All Answers](#)

Question - 50:

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

Ans:

One set (warp or weft).

[View All Answers](#)

Question - 51:

Explain knitting?

Ans:

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.

[View All Answers](#)

Question - 52:

Explain weaving?

Ans:

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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