

SCIENCE - CLASS 6

FIBRE TO FABRIC

- 1 The Jute fibres are converted into fabric by the process/es of
(A) Ginning. (B) Knitting
(C) Weaving and spinning (D) Sewing
Ans : C
- 2 While bursting crackers it is safe to wear clothes made of
(A) nylon (B) polyesters (C) cotton (D) silk
Ans : C
- 3 The process of obtaining jute fibres from its stem is known as
(A) bales (B) ginning (C) bobbing (D) retting
Ans : D
- 4 Cotton is obtained from :
(A) larva of silkworm (B) hair of sheep
(C) balls of cotton flowers (D) patsun
Ans : C
- 5 The fruits of the cotton plant are the size of :
(A) watermelon (B) lemon (C) coconut (D) grape
Ans : B
- 6 Denim, a type of cloth is made from :
(A) jute (B) rayon (C) nylon (D) cotton
Ans : D
- 7 The season when jute is cultivated is :
(A) rainy season (B) summer season (C) winter season. (D) spring season
Ans :
- 8 Gunny bags are made from
(A) silk (B) jute (C) cotton (D) wool
Ans : B
- 9 The best soil for the growth of cotton plant is
(A) black soil (B) red soil (C) desert soil (D) laterite soil
Ans : A
- 10 Which part of the jute plant does give fibre?
(A) Root (B) Stem (C) Leaf (D) Flower
Ans : B

- 11 Wool is a / an :
(A) fibre obtained from cocoon (B) artificial fibre
(C) animal fibre (D) plant fibre

Ans : C

- 12 Wool is soluble in :
(A) alcohols (B) aldehydes
(C) acids and bases both (D) salts

Ans : C

- 13 Which of the following is obtained from animals?
(A) Jute and cotton (B) Nylon and polyester
(C) Wool and silk (D) Rayon and acrylic

Ans : C

- 14 Which of the following animals give wool?
(A) Sheep and yak (B) Elephant and tiger (C) Cow and dog (D) Snake and duck

Ans : A

- 15 Which of the following is obtained from hair of an animal?
(A) Silk (B) Cotton (C) Nylon (D) Wool

Ans : D

- 16 What is the name of process which involves pulling and twisting of strands of a fibre?
(A) Ginning (B) Weaving (C) Spinning (D) None of these.

Ans : C

- 17 Why are cotton clothes more common than silk cloth?
(A) Cotton clothes are more beautiful (B) Cotton clothes cannot be used in all seasons
(C) Cotton is less expensive than silk (D) None of these

Ans : C

- 18 Can we get wool from any reptile or amphibian other than sheep, camel etc.?
(A) Yes, it is possible (B) No, reptile, amphibians don't have body hair
(C) Cannot be said for sure (D) None of these

Ans : B

- 19 Can all the fleece of a sheep be used to make wool?
(A) No, sheep has hair of different thicknesses and quality like us
(B) No, sheep stays dirty which makes some fleece useless
(C) Yes, it can be done in case of few sheep
(D) None of these

Ans : A

- 20 Why is woolen yarn stronger than cotton yarn?
 (A) More fibres twisted together to make woolen yarn
 (B) Animal fibre is always stronger
 (C) Less fibres twisted together to make woolen yarn
 (D) Both (B) & (C)
 Ans : B
- 21 Silk fibre is obtained from :
 (A) fruit of a plant (B) bark of a plant (C) cocoon of worm (D) hair of an animal
 Ans : C
- 22 Examples of synthetic fibres are :
 (A) rayon and wool (B) silk and polyester
 (C) nylon and polyester (D) silk and wool.
 Ans : C
- 23 Sorter's disease is caused by
 (A) silkworm (B) pupa (C) anthrax (D) sheep
 Ans : C
- 24 The stage in life cycle of an insect excludes
 (A) pupa (B) caterpillar (C) gamete (D) sericulture
 Ans : D
- 25 Silk thread woven by silkworm around its larva is made up of
 (A) carbohydrate (B) fat (C) protein (D) oil
 Ans : C
- 26 The silk made by using damaged cocoons is known as
 (A) raw silk (B) spun silk (C) tussar silk (D) mulberry silk
 Ans : B
- 27 Which of the following is obtained from natural sources?
 (A) Wool (B) Nylon (C) Polyester (D) Acrylic
 Ans : A
- 28 Silk worms are reared on which of these?
 (A) On leaves of mulberry plant (B) On the leaves of banyan plant
 (C) On the leaves of spinach plant (D) On the leaves of cotton plant
 Ans : A
- 29 Which kind of cloth can be used in both summer and winter?
 (A) Silk (B) Wool (C) Both A and B (D) Cotton
 Ans : A
- 30 Can you tell why silk doesn't need to be detangled like wool?
 (A) Silk is obtained directly as thread from cocoon

- (B) Thread from single cocoon can be used as yarn directly
- (C) Both A and B
- (D) Wool is very bulky

Ans : A

31 The basic unit of every cloth is:

- A) Fabric B) Fibre C) Yarn D) Nylon

Ans: B

32 Which of the following will be more stretchable?

- A) Knitted fabric B) Woven fabric
- C) Both are equally stretchable D) Either [a] are [b]

Ans : A

33 Which of the following is not a thing made up of a natural fibre?

- A) Cotton shirt B) Woollen socks
- C) Jute bag D) Silk sarees

Ans : E

34 Which among the following crop requires warm climate to grow?

- A) Red algae B) Cotton
- C) Apple D) Pine

Ans : B

35 Which of the following is a fibre crop?

- A) Cotton B) Flax C) Jute D) All the above

Ans : D

36 The cloth made of stem fibres of flax is known as:

- A) Silk cloth B) Cotton cloth C) Jute cloth D) Linen cloth

Ans: D

37 Which of the following is not correct about Jute?

- A) It is a natural fibre. B) It is used to make bags.
- C) It is used to make coarse cloth. D) On burning it produces smell of burning plastic.

Ans: D

38 The process of separating fibres of cotton from its seeds is called:

- A) Knitting B) Ginning C) Spinning D) Weaving

Ans : B

39 Hand looms or power looms are used for which of the following?

- A) Ginning B) Weaving C) Spinning D) Shearing

Ans: B

40 Which of the following is an animal product?

A) Silk B) Cotton C) Wool D) Both [a] and [c]
Ans: D

41 Sericulture is related to which of the following animals?
A) Silkworm B) Hen C) Fish D) Cow
Ans : A

42 Silkworms are fed on which tree?
A) Jute plant B) Coconut tree C) Mulberry tree D) Apple tree
Ans : C

43 Which coarse fibre is extracted from the shell of coconut?
A) Nylon B) Coir C) Jute D) Polyester
Ans: B

44 Silk cotton is a fibre obtained from which plant/tree?
A) Cotton plant B) Kapok tree C) Jute plant D) Coconut tree
Ans: B

45 Which of the following processes is not related to plant?
A) Ginning B) Shearing C) Spinning D) Soaking

Ans: B

46 Denim, a type of cloth contains:
A) Cotton fibre B) Jute fibre C) Silk fibre D) All the above
Ans : A

47 Silk is obtained from which stage of the lifecycle of silkworm?
A) Egg B) Larva C) Cocoon D) Adult
Ans : C

46 The flax fibre is obtained from _____ of flax plant.
A) Flower B) Root C) Stem D) Leaves
Ans : B

47 Making a sweater from the woollen yarns is an example of:
A) Ginning B) Knitting C) Spinning D) Soaking
Ans: B

48 Which of the following was not used by ancient people to cover their bodies?
A) Big leaves of trees B) Animal skins
C) Nylon clothes D) Furs
Ans: C

49 _____ is removing the wool from sheep using special clippers.
A) Soaking B) Shearing

C) Ginning
Ans: B

D) Weaving

50 Jute fibre is obtained from which part of the jute plant?

- A) Flower
- B) Root
- C) Stem
- D) Leaf

Ans : C

51 Larva of silkworm is called:

- A) Nymph
- B) Maggot
- C) Tadpole
- D) Caterpillar

Ans: D

52 Yams are produced from:

- A) Network of plastic wires.
- B) Fibres spun together.
- C) Cotton clothes.
- D) Burning of fabrics.

Ans : B

53 The fibre containing pod of cotton is called:

- A) Cotton stem
- B) Cotton boll
- C) Cotton worm
- D) Cotton flower

Ans : B

54 Silk cotton is a:

- A) Plant fibre
- B) Animal fibre
- C) Synthetic fibre
- D) Both [a] and [b]

Ans : A

55 The fabrics which are made from fibres obtained from cotton, silk and jute are known as:

- A) Nylon fibres
- B) Artificial fibres
- C) Natural fibres
- D) Acrylic fibres

Ans : C

56 Single yarn is used in the process of:

- A) Weaving
- B) Looming
- C) Ginning
- D) Knitting

Ans : D

57 Raghu wants to gift his friend something that is made of animal fibre. Which gift will he give?

- A) Cotton clothes
- B) Silk kurta
- C) Woolen sweater
- D) Both [b] and [c]

Ans : D

58 Weaving is a process used for:

- A) Preparing yarns
- B) Preparing fabrics

C) Preparing fibres

D) All the above

Ans: B

59 Which of the following is not an artificial fibre?

A) Rayon

B) Nylon

C) Polyester

D) None of these

Ans: D

60 Which device is used for making fabrics by weaving threads?

A) Spinning wheel

B) Looms

C) Needles

D) Hand spindle

Ans : B

61 Which characteristics of fibre are given below?

(i) Soft in touch.
(ii) It is a natural fibre.
(iii) Lustrous.
(iv) Has vibrant colours.

Which fibre is this?

A) Cotton

B) Wool

C) Silk

D) Jute

Ans : C

62 _____ is used to make yarn from fibres.

A) Loom

B) Spinning wheel

C) Knitting needle

D) Ginning

Ans: B

63 Which of the following statements is correct?

A) Cotton is an artificial fibre.

B) Jute fibre is obtained from roots of the jute plant.

C) Process of producing yarn from fibres is known as ginning.

D) None of these

Ans : E

64 Which fibre is also known as artificial silk?

A) Cotton

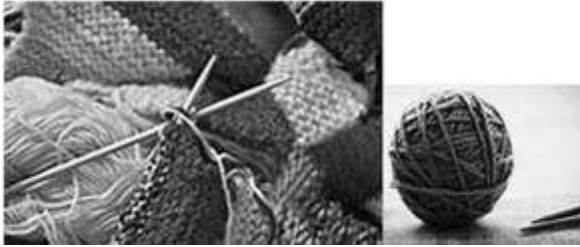
B) Rayon

C) Polyester

D) Coir

Ans : B

65 Which process has been shown in the figure given below?



- A) Knitting B) Weaving C) Spinning D) Ginning

Ans: A

66 Which of the following sequences is correct in making fabric?

- A) Weaving - Ginning – Spinning B) Ginning - Spinning - Weaving
C) Spinning - Weaving – Ginning D) Ginning - Weaving - Spinning

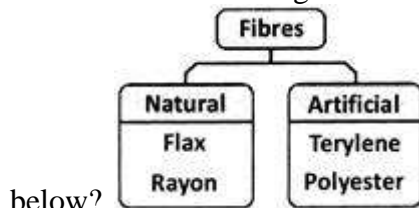
Ans : B

67 Which of the following devices was popularized by Mahatma Gandhi as a part of the independence movement?

- A) Handloom B) Shuttle C) Charkha D) Machine

Ans: C

68 Which of the following materials is grouped wrongly in the chart given



- A) Flax B) Rayon C) Terylene D) Polyester

Ans : B

69 Which of the following processes involves rotting of gummy skin of jute sticks in water?

- A) Baling B) Ginning C) Retting D) Spinning

Ans: C

70 Which of the following fibres on burning smells like burning hair?

- A) Cotton B) Flax C) Wool D) Jute

Ans : C

71 The box given below shows the characteristics of fibres. Fabric made from above fibre is comfortable to use during which of the following seasons?

Allow free movement of air
High water absorption capacity.

- A) Winter season B) Spring season C) Summer season D) Rainy season

Ans : C

72 Which of the following is used to make carpets and gunny bags?

- A) Polyester B) Cotton C) Jute D) Silk

Ans: C

73 Which of the following does not belong to the group formed by others?

- A) Wool B) Polyester C) Silk D) Cotton

Ans : B

74 Complete the given correlation

Silk : Cocoon Wool : ?

- A) Hair of rabbit B) Cotton plant. C) Fleece of sheep. D) Jute of hemp.

Ans : C

75 Which of the following is not a synthetic fibre?

- A) Polyester B) Nylon C) Wool D) Acrylic

Ans : C

76 Which part of the cotton plant yields cotton bolls?

- A) Leaf B) Fruit C) Seed D) Flower

Ans : B

77 Which of the following processes involves the separation of seeds from cotton bolls?

- A) Winnowing B) Carding C) Ginning D) Spinning

Ans : C

78 Which of the following is made from coconut fibres?

- A) Sweaters B) Shoes C) Mattresses D) Sarees

Ans : C

79 Which of the following are the two main processes of making fabrics?

- A) Ginning and weaving. B) Weaving and knitting.
C) Weaving and spinning. D) Ginning and knitting.

Ans : B

80 Which of the following statements is true for weaving?

- A) Separating seeds from cotton bolls.
B) Spinning of yarn.
C) Arranging two sets of yarn together to make a fabric.
D) Immersing stems of jute plant in water.

Ans : C

81 Which of the following statements is not true?

- A) Fabric is made of yarn. B) Jute is the outer covering of coconut.
C) Polyester is a synthetic fibre. D) Silk fibre is obtained from silk worms.

Ans : B

82 Which of the following processes involves conversion of yarn into cloth?

A) Carding B) Weaving C) Spinning D) Dyeing

Ans : B

83 Which of the following takes place when fabrics are twisted before being made into yarns or thread?

- A) Make them more absorbent. B) Make them more strong.
C) Make them smooth. D) Add air spaces inside the fibres.

Ans: B

84 Which of the following is formed when fibres are twisted by spinning?

- A) Warp B) Weft C) Fabric D) Yarn

Ans: D

85 Fibres made from which of the following is suited to be used in cold places?

- A) Wool B) Cotton C) Linen D) Silk

Ans : A

86 Cotton and woollen clothes are rough when compared to silk. Which of the following statements supports the above statement?

- A) They have many uneven folds. B) They have many even folds.
C) The folds are small and even. D) The fibres are smooth.

Ans : A

87 Which of the following machines work on the principle of charkha?

- A) Dyeing machine B) Shearing machine
C) Spindle D) Power loom

Ans : C

88 Raju is feeling very hot on a summer day. He is sweating too much due to the blazing sun. What clothes will keep him comfortable?

- A) Woollen clothes B) Cotton clothes
C) Nylon clothes D) Silk clothes

Ans : B

89 Which of the following is/are the characteristics of woollen clothes?

- A) Heating our body. B) Absorbing heat from sunlight.
C) Not allowing body heat to escape. D) All of these

Ans : C

90 Which of the following statements is true about woollen fibre?

- A) Wool is a poor insulator of heat. B) Wool is a good insulator of heat.
C) Wool does not absorb water. D) Wool is cheaper than cotton.

Ans : B

91 Which of the following is used by tailors to cut and stitch clothes made of cotton for us?

- A) Cotton bolls B) Cotton bales

C) Cotton fibres

D) Cotton fabrics

Ans : D

92 Fabrics made from which of the following fibres is most suitable as umbrella cloth?

A) Cotton

B) Wool

C) Polyester

D) Nylon

Ans : C

93 At which of the following stages will bleaching and dyeing (addition of colours) be usually done?

A) Just before the fabrics are made.

B) After the fabrics are made.

C) Before the yarns are made.

D) After the yarns are made.

Ans : B

94 Which of the following materials is used to make gloves for electricians?

A) Silk

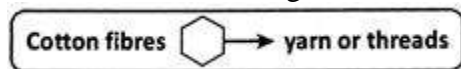
B) Wool

C) Rubber

D) Cotton

Ans : C

95 Which of the following should come in the empty box given below?



A) Spindle

B) Handpicking

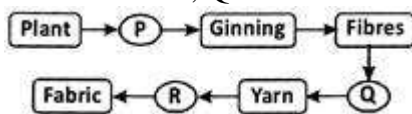
C) Ginning

D) Handloom

Ans: A

96 The flow chart given below shows the production of cotton fabric.

What could P, Q and R be?



A) P - buds, Q-spinning, R-weaving

B) P - bolls, Q-spinning, R-weaving

C) P - bolls, Q - weaving, R - spinning

D) P - bolls, Q- ginning, R- carding

Ans : B

97 Shreya is allergic to manmade fabric, so she only wears clothes made of natural fibre.

Which one of the following materials will you recommend her not to use?

A) Nylon

B) Wool

C) Cotton

D) Silk

Ans: A

98 Given below are two groups of materials used to make clothing.

Cotton	Fur
Jute	Leather
Flax	Silk

On what basis these have been grouped?

A) Air space inside fibres.

B) Air space between fibres.

C) Water absorption

D) The basis of their sources.

Ans : D

99 In which of the following machines the yarns are placed lengthwise on the frames of handloom?

- A) Takli B) Weft C) Warp D) Shuttle

Ans : C

100 Which of the following is obtained from the stem of a plant?

- A) Jute B) Cotton C) Wool D) Silk

Ans : A

