## **FINAL ANSWER KEY**

43/2018/OL

555/2014

Question Paper Code:

Category Code: Exam: Weaving Instructor/Weaving Foreman/Weaving Assistant(Male Only) Medium of Question: English Date of Test 14-09-2018 Department Jails Alphacode Α Question1:- was imparted the slogan of Dilli Chalo. A:-Subhash Chandra Bose B:-Rash Behari Bose C:-Lala Hardayal D:-Tagore Correct Answer: - Option-A Question2:-"I have a dream" a speech delivered by A:-Martin Luther King Sr. B:-Dr. P.J. Abdul Kalam C:-Martin Luther King Jr. D:-Gandhiji Correct Answer:- Option-C Question3:-Tuhfat-ul-Mujahiddin was written by A:-Muhammed bin B:-Sheik Zinunddin C:-Malik Din Dinar D:-Habib in Malik Correct Answer:- Option-B Question4:-History of Travancore was written by \_\_\_\_\_\_ 1878. A:-Shangunny Menon B:-Padmanabha Menon C:-A Sreedhara Menon D:-None of these Correct Answer: - Option-A Question5:-Sreeranga Pattanam treaty was signed A:-1792 B:-1800 C:-1756 D:-1790 Correct Answer:- Option-A Question6:-The last constitutional reforms of British in India was A:-Indian Council Act of 1935 B:-Indian Council Act of 1942 C:-Indian Council Act of 1947 D:-Indian Council Act of 1949 Correct Answer: - Option-A Question7:-The Non Alignment Movement was formally launched in A:-1972 B:-1975 C:-1956 D:-1961 Correct Answer:- Option-D Question8:-Ezhava Memorial was submitted to \_\_\_\_\_\_ by the people of Travancore in 1896. A:-Chithira Thirunal B:-Karthika Thirunal C:-Rani Lakshmi Bhai D:-Sree Moolam Thirunal Correct Answer:- Option-D

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Question9:-The Political conference of Kozhikode in 1903 was presided by
    A:-K. Kelappan
    B:-C. Krishnan
    C:-C. Vijaya Raghavachari
    D:-Rama lyyer
    Correct Answer:- Option-C
Question10:-Who started the Vaikkom Sathyagraha on March 30, 1924?
    A:-Kunhappi abd Bahuleya
    B:-Chathan and Krishnan
    C:-Ayyappan and Vasudevan
    D:-Raman and Sankaran
    Correct Answer: - Option-A
Question11:-The Belgrade Conference was held in September
    A:-1952
    B:-1960
    C:-1951
    D:-1961
    Correct Answer:- Option-D
Question12:-The Green Revolution was started in _____ in 1940.
    A:-London
    B:-India
    C:-Spain
    D:-Mexico
    Correct Answer:- Option-D
Question13:-The Period of Emergency was related with the article
    A:-article 361
    B:-article 352
    C:-article 340
    D:-article 342
    Correct Answer:- Option-B
Question14:-Who led the Manjeri Agricultural Mutiny in 1849?
    A:-V. Mohammed
    B:-Athan Kurikkal
    C:-Seethi Koya
    D:-Fassal Pookkoya Thangal
    Correct Answer:- Option-D
Question15:-Who had written the Samkshepa Vedartham?
    A:-Father Philip
    B:-Father Mathews
    C:-Father Richard
    D:-Father Clement
    Correct Answer:- Option-D
Question16:-Advaitha Ashram was started by _____ in Aluva in 1913.
    A:-Chattampi Swamikal
    B:-Sree Narayana Guru
    C:-Vagbhatan
    D:-K. Karuppan
    Correct Answer:- Option-B
Question17:-Ayyankali started his school at Venganoor in
    A:-1914
    B:-1925
    C:-1900
    D:-1904
    Correct Answer:- Option-D
Question18:-Who founded the Thatwaprakasika Ashram?
    A:-Vagbhatananda
    B:-Sree Narayana Guru
    C:-K. Karuppan
    D:-Chattampi Swamikal
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| Correct Answer:- Option-A   |
|---|
| Question19:-The headquarter of Prathyksha Raksha Daivasabha was   |
| A:-Aluva  |
| B:-Eraviperoor  |
| C:-Thangassery  |
| D:-Tirur  |
| Correct Answer:- Option-B   |
| Question20:-Who was the main leader of Malayali Memorial?   |
| A:-Sankara Narayanan  |
| B:-K. Kelappan  |
| C:-G.P. Pillai  |
| D:-None of these  |
| Correct Answer:- Option-C   |
| Question21:-"Pegging of lags" is in   |
| A:-Loom   |
| B:-Jacquard   |
| C:-Dobby  |
| D:-Knitting machine   |
| Correct Answer:- Option-C   |
| Question22:-Stock port reed is  |
| A:-Dents/2 inch   |
| B:-Dents/inch   |
| C:-Dents/36 inch  |
| D:-Dents/4 inch   |
| Correct Answer:- Option-A   |
| Question23:-Maximum amount of interlacement of warp with weft is design.  |
| A:-Twill  |
| B:-Plain  |
| C:-Rib  |
| D:-Honey comb   |
| Correct Answer:- Option-B   |
| Question24:-Cylinder is the part of machine.  |
| A:-Simplex  |
| B:-Ring frame   |
| C:-Comber   |
| D:-Card   |
| Correct Answer:- Option-D   |
| Question25:-Fast reed motion is used to protect   |
| A:-Warp   |
| B:-Weft   |
| C:-Warp and weft  |
| D:-None of these  |
| Correct Answer:- Option-A   |
| Question26: is the man made fibre.  |
| A:-Linen  |
| B:-Jute   |
|   |
| •   |
| C:-Nylon<br>D:-Silk   |
| C:-Nylon<br>D:-Silk   |
| C:-Nylon<br>D:-Silk<br>Correct Answer:- Option-C  |
| C:-Nylon<br>D:-Silk   |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of  |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of A:-Wool  |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of A:-Wool B:-Silk  |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of A:-Wool B:-Silk C:-Jute  |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of A:-Wool B:-Silk C:-Jute D:-Cotton Correct Answer:- Option-D                            |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of A:-Wool B:-Silk C:-Jute D:-Cotton  |
| C:-Nylon D:-Silk Correct Answer:- Option-C Question27:-Gossypicum hirscetum is the botanical name of A:-Wool B:-Silk C:-Jute D:-Cotton Correct Answer:- Option-D Question28:-Halt lap is in |

| D:-Ring frame   |
|---|
| Correct Answer:- Option-C   |
| Question29: is the medium used to transmit the weft through the shed.                     |
| A:-Pirn   |
| B:-Shuttle  |
| C:-Bobbin   |
| D:-Cheese   |
| Correct Answer:- Option-B   |
| Question30:-In timing of primary motion "Healds are level" at                             |
| A:-360 degree   |
| B:-120 degree   |
| C:-150 degree   |
| D:-90 degree  |
| Correct Answer:- Option-A   |
| Question31: is produced by the rotation of flyer.   |
| A:-Draft  |
| B:-Spinning   |
| C:-Twisting   |
| D:-Combing  |
| Correct Answer:- Option-C   |
| Question32: dyes are used in polyester.   |
| A:-Disperse dyes  |
| B:-Direct dyes  |
| C:-Acid dyes  |
| D:-Sulphur dyes   |
| Correct Answer:- Option-A   |
| Question33:- is defined as the weight of yarn "kg" (kilogram).                            |
| A:-English cotton system  |
| B:-Word sted system   |
| C:-French cotton system   |
| D:-Metric system  |
| Correct Answer:- Option-D   |
| Question34: is a monomer.   |
| A:-Polyester  |
| B:-Propylene  |
| C:-Poly olipine   |
| D:-Decron   |
| Correct Answer:- Option-B   |
| ·   |
| Question35:-In knitting the row loops which seen across the clothing is called  A:-Course |
|   |
| B:-Warp<br>C:-Weft  |
| D:-Wale   |
|   |
| Correct Answer:- Option-A   |
| Question36:-Cork screw design is the modified form of  A:-Plain                           |
| B:-Huck-a back  |
| C:-Twill  |
|   |
| D:-Honey comb   |
| Correct Answer:- Option-C  Question37:-Which of the primary process of yarn?              |
|   |
| A:-Combing  |
| B:-Carding  |
| C:-Spinning D:-Ginning  |
| Correct Answer:- Option-D   |
| Question38:- process is helps to make the cloth have different colours at a time.         |
| A:-Printing   |
|   |
| B:-Dyeing   |

| C:-Sketching   |
|--|
| D:-Painting  |
| Correct Answer:- Option-A  |
| Question39:-Napkin is an example of fabric.  |
| A:-woven   |
| B:-non woven   |
| C:-knitted   |
| D:-none of these   |
| Correct Answer:- Option-B  |
| Question40:-In a loom RPM of line shaft 150, diameter of line shaft 12" pulley RPM 200, loom pulley diameter |
| A:-225"  |
| B:-18"   |
| C:-9"  |
| D:-6"  |
| Correct Answer:- Option-C  |
| Question41:-Moisture regain of nylon 6.6 is  |
| A:-8%  |
| A:-0%<br>B:4%  |
| C:-2%  |
|  |
| D:-4.2%  |
| Correct Answer:- Option-D  Question42:-''Moth'' is the term related in                                       |
| ·  |
| A:-Cotton B:-Silk  |
| C:-Jute  |
| D:-Linen   |
| Correct Answer:- Option-B  |
| Question43: represents heald and ends.   |
| A:-Draft   |
| B:-Design  |
| C:-Treadling plan  |
| D:-Denting plan  |
| Correct Answer:- Option-A  |
| Question44:-Stelometer is used to determine the .  |
| A:-Fineness  |
| B:-Maturity  |
| C:-Fibre strength  |
| D:-Uniformity ratio  |
| Correct Answer:- Option-C  |
| Question45: is the secondary motion in a loom.   |
| A:-Shedding  |
| B:-Picking   |
| C:-Beating   |
| D:-Take up   |
| Correct Answer:- Option-D  |
| Question46:-Duplere is machine.  |
| A:-Dyeing  |
| B:-Printing  |
| C:-Cone winding  |
| D:-Ginning   |
| Correct Answer:- Option-B  |
| Question47:-Mordanting is done by using  |
| A:-Tannic acid   |
| B:-Acetic acid   |
| C:-Naphthal  |
| D:-Formaldehyde  |
| Correct Answer:- Option-A  |
| Question48:-Tamascol op is the dye.  |
| A:-direct  |

| B:-sulphur   |
|--|
| C:-carries   |
| D:-naphthol  |
| Correct Answer:- Option-C  |
| Question49:- is done before bleaching.   |
| A:-White souring   |
| B:-Dyeing  |
| C:-Mercerising   |
| D:-Grey souring  |
| Correct Answer:- Option-D  |
| Question50:-1 yard =   |
| A:-840 inches  |
| B:-36 inches   |
| C:-454 inches  |
| D:-12 inches   |
| Correct Answer:- Option-B  |
| Question51: is the operation of straighten the fibers and to arrange fibers in a parallel orde |
| A:-Drafting  |
| B:-Doubling  |
| C:-Condensing  |
| D:-Twisting  |
| Correct Answer:- Option-A  |
| Question52:-In a conventional draw frame maximum draft is done at zone.                        |
| A:-Back zone   |
| B:-Middle zone   |
| C:-Front zone  |
| D:-None of these   |
| Correct Answer:- Option-C  |
| Question53:-Non woven fabrics are produced mostly by   |
| A:-Knitting  |
| B:-Weaving   |
| C:-Interlacing of loops  |
| D:-Bonding   |
| Correct Answer:- Option-D  |
| Question54: instrument is used to measure uniformity ratio.                                    |
| A:-Besseley balance  |
| B:-Fibro graph   |
| C:-Sheffieled micro nair   |
| D:-Baer sorter   |
| Correct Answer:- Option-B  |
| Question55:-Cover factor of fabric is determined by  |
| A:-`quad ("TPI")/(sqrt("Count"))`  |
| B:-`quad ("Count")/(sqrt("TPI"))`  |
| C:-Count × `sqrt("TPI")`   |
| D:-TPI × `sqrt( "Count")`  |
| Correct Answer:- Option-A  |
| Question56:-Fibro graph works under the principle of   |
| A:-Airflow   |
| B:-Graphical   |
| C:-Null  |
| D:-Nut and bolt  |
| Correct Answer:- Option-C  |
| Question57:-Resistance of twisting of fibres is known as                                       |
| A:-Stiffness   |
| B:-Tenacity  |
| C:-Toughness   |
| D:-Torsional rigidity  |
| Correct Answer:- Option-D  Ouestion 58:- Lea CSP   |
| LUBSUDUDA:- LBALSE   |

| A:-310 × FQI   |
|--|
| B:-(310-Count) × FQI   |
| C:-(Count - 310) FQI   |
| D:-(FQI-COUNT) × 310   |
| Correct Answer:- Option-B  |
| Question59:-Yarn dia (Pierce's formula)                              |
| A:-`(36)/(sqrt(N))`  |
| B:-`(N)/(sqrt(36))`  |
| C:-`(sqrt(N))/(36)`  |
| D:-`(sqrt(N))/(sqrt(36))`  |
| Correct Answer:- Option-A  |
| Question60:-Noil is the waste from                                   |
| A:-Card  |
| B:-Super lap   |
| C:-Comber  |
| D:-Simplex   |
| Correct Answer:- Option-C  |
| Question61:-Which type of gears are used in modern draw frame?       |
| A:-Spur gear   |
| B:-Hypoid gear   |
| C:-Bevel gear  |
| D:-Helical gears   |
| Correct Answer:- Option-D  |
| Question62:-Stop motion checking is done in routine maintenance by   |
| A:-1 week  |
| B:-daily   |
| C:-per 2 days  |
| D:-per month   |
| Correct Answer:- Option-B  |
| Question63:-Nylon is fibre.  |
| A:-Poly olifine  |
| B:-Poly amide  |
| C:-Poly urethane   |
| D:-Poly venylo   |
| Correct Answer:- Option-B  |
| Question64:-The loom efficiency is related to p=NEX here 'X' denotes |
| A:-Operative efficiency  |
| B:-Machine efficiency  |
| C:-Service factor  |
| D:-Speed of loom   |
| Correct Answer:- Option-C  |
| Question65:-The draft used to construct Brighton's honey comb        |
| A:-Straight  |
| B:-Pointed   |
| C:-Mixed   |
| D:-Broken  |
| Correct Answer:- Option-A  |
| Question66:-Principle of cross weaving is employed in design.        |
| A:-Huck-a-back   |
| B:-Honey comb  |
| C:-Terry pile  |
| D:-Mock leno   |
| Correct Answer:- Option-D  |
| Question67:-10 × 6 Huck a back known as                              |
| A:-Standard  |
| B:-Devan's   |
| C:-Reversible  |
| D:-Honey comb  |
| Correct Answer:- Option-B  |

| Question68:                         | is the process of the moths inside the cocoons are killed by steam. |
|-------------------------------------|---|
| A:-Reeling                          |   |
| B:-Cooking                          |   |
| C:-Stifling                         |   |
| D:-Brushing                         |   |
| Correct Answer:- O                  |   |
| Question69:-Melting poi             | nt of nylon 66  |
| A:-250 degree C                     |   |
| B:-150 degree C                     |   |
| C:-170 degree C                     |   |
| D:-100 degree C                     |   |
| Correct Answer:- O                  |   |
|                                     | is known as   |
| A:-Indian carpet                    |   |
| B:-East India carpe                 |   |
| C:-East carpet                      |   |
| D:-East India wool                  | atten D   |
| Correct Answer:- O                  |   |
|                                     | ife jacquard produces shed.   |
| A:-Open shed<br>B:-Semi open        |   |
| C:-Top closed                       |   |
| D:-Bottom closed                    |   |
| Correct Answer:- O                  | ntion-D   |
|                                     | ne length of the yarn, weight = 40 gms, count = 10 tex              |
| A:-4 km                             | ie length of the yarn, weight – 40 gms, count – 10 tex              |
| B:-400 km                           |   |
| C:4 km                              |   |
| D:-4 m                              |   |
| Correct Answer:- O                  | ption-A   |
|                                     | uor ratio while bleaching   |
| A:-1 : 10                           | Ç   |
| B:-10:1                             |   |
| C:-1:20                             |   |
| D:-20 : 1                           |   |
| Correct Answer:- O                  | ption-C   |
| Question74:-Comber bo               | ard is the part of the  |
| A:-Dobby                            |   |
| B:-Jacquard                         |   |
| C:-Loom                             |   |
| D:-High speed loon                  |   |
| Correct Answer:- O                  |   |
| Question75:-Bismark bro             | own is dye.   |
| A:-Sulphur                          |   |
| B:-Direct                           |   |
| C:-Acid                             |   |
| D:-Basic                            | allen D   |
| Correct Answer:- O                  |   |
|                                     | ting "urea" is used as  |
| A:-Wetting agent B:-Thickening agen | <b>+</b>  |
| C:-Dying agent                      | t   |
| D:-Hygroscopic age                  | ent   |
| Correct Answer:- O                  |   |
| Question77:i                        | •   |
| A:-Vat                              | J. Hall. Johanie ayer   |
| B:-Sulphur                          |   |
| C:-Direct                           |   |
| D:-Disperse                         |   |

| Correct Answer:- Option-C                            |
|--|
| Question78:-Length of the warp yarn = 330 hank       |
| Count of the warp yarn = 30 s                        |
| Weight of the warp yarn=?                            |
| A:-9900 kg   |
| B:-4.9 kg  |
| C:49 kg  |
| _  |
| D:-49 kg   |
| Correct Answer:- Option-B                            |
| Question79:-The draft from simplex is                |
| A:-3.5   |
| B:-5 to 10   |
| C:-25  |
| D:-12 to 15  |
| Correct Answer:- Option-D                            |
| Question80:-TPI =                                    |
| A:-`("Traveller speed")/("Front roller delivery")`   |
| B:-`("Front roller delivery")/("Traveller speed")`   |
| C:-Traveller speed × Front roller delivery           |
| D:-`("Traveller speed")/("Spindle speed")`           |
| Correct Answer:- Option-A                            |
| •  |
| Question81:-Hank of roving is                        |
| A:0014   |
| B:-0.125   |
| C:-1.6   |
| D:-0.04  |
| Correct Answer:- Option-C                            |
| Question82:-Doffer speed of carding machine is about |
| A:-850   |
| B:-25  |
| C:-300   |
| D:-8"/minute   |
| Correct Answer:- Option-B                            |
| Question83:-Saka moto is                             |
| A:-Automatic loom                                    |
| B:-Airjet loom                                       |
| C:-Pirnwinding machine                               |
| D:-Dying machine                                     |
|  |
| Correct Answer:- Option-A                            |
| Question84: is a knotting machine.                   |
| A:-Nissan  |
| B:-Spiro   |
| C:-Brody   |
| D:-Jaytex  |
| Correct Answer:- Option-D                            |
| Question85:-Slub catcher setting is done in machine. |
| A:-Ring frame  |
| B:-Step cleaner                                      |
| C:-Cone winding                                      |
| D:-Simplex   |
| Correct Answer:- Option-C                            |
| Question86:-Calendering is done after process.       |
| A:-Scouring  |
| B:-Dyeing  |
| C:-Printing  |
| D:-Weaving   |
| _  |
| Correct Answer:- Option-B                            |
| Question87:-The protein content of wool is called    |
| A:-Keratin   |

| B:-Practin   |
|--|
| C:-Taglocks  |
| D:-Hogget  |
| Correct Answer:- Option-A  |
| Question88: is artificial silk.  |
| A:-Nylon   |
| B:-Dacron  |
| C:-Rayon   |
| D:-Spandex   |
| Correct Answer:- Option-C  |
| Question89:-Lycra is fibre.  |
| A:-natural   |
| B:-polyolefin  |
| C:-polyamide   |
| D:-poly urethene<br>Correct Answer:- Option-D                                    |
| Question90:-Rayon is fibre.  |
| A:-mineral   |
| B:-regenerated   |
| C:-synthetic   |
| D:-natural   |
| Correct Answer:- Option-B  |
| Question91:-Find out the change wheel, cloth 45 picks, per inch, stud wheel 45 T |
| A:-45 T  |
| B:-90 T  |
| C:-36 T  |
| D:-63 T  |
| Correct Answer:- Option-C  |
| Question92:-Sulzer loom works under picking.                                     |
| A:-+ve   |
| B:ve   |
| C:-over  |
| D:-under   |
| Correct Answer:- Option-A  |
| Question93: is the bleaching agent.  |
| A:-NaoH  |
| B:-HCl   |
| C:-`"CH_3-COOH"`   |
| D:-`"H_20_2"`  |
| Correct Answer:- Option-D  |
| Question94: is a broken and reversed twill.                                      |
| A:-Diamond twill   |
| B:-Hardward  |
| C:-Figured   |
| D:-Zig-zag   |
| Correct Answer:- Option-B  |
| Question95: is most extensively used for the manufacturer of Turkish towel.      |
| A:-3-terry pile<br>B:-True warp pile   |
| C:-Cut pile  |
| D:-Weft pile   |
| Correct Answer:- Option-A  |
| Question96: is also known as "CORDUROY".   |
| A:-Velvet  |
| B:-Plain velveteen   |
| C:-Corded velveteen  |
| D:-Corded looped pile  |
| Correct Answer:- Option-C  |
| Question97:-The other name of "Hopsack" is                                       |
| • ———  |

| A:-Rib  |
|---|
| B:-Mat  |
| C:-Twill  |
| D:-Plain  |
| Correct Answer:- Option-B   |
| Question98: design is made by the help of doop healds.                                    |
| A:-Pique  |
| B:-Bedford coard  |
| C:-Double cloth   |
| D:-Gauze and leno   |
| Correct Answer:- Option-D   |
| Question99: is brighton's honey comb.   |
| $A:-16\times16$   |
| B:-10 × 6   |
| C:-6 × 6  |
| D:-4 × 4  |
| Correct Answer:- Option-A   |
| Question100: gear is used to transmit the power driver to driven right angle to each othe |
| A:-Helical  |
| B:-Spur   |
| C:-Bevel  |
| D:-Herring Hone   |
| Correct Answer:- Option-C   |