Engagement of Trade Apprentices 55th batch in Ordnance Factories

EX - ITI

Q.P. Series : B

ROLL NO.

Sr. No. ..............................................

Signature of the Invigilator

Date: __________________

Time: 10:00 AM to 1:00 PM

Duration: 3 Hours

Subjectwise distribution of questions

<table>
<thead>
<tr>
<th>PART-I</th>
<th>SUBJECT</th>
<th>No. of Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENGLISH</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>GENERAL KNOWLEDGE</td>
<td>15</td>
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<tr>
<td></td>
<td>MATHEMATICS</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>APTITUDE / REASONING</td>
<td>15</td>
</tr>
</tbody>
</table>

| PART-II | RELEVANT TRADE  | 90               |

TOTAL QUESTIONS | 150

Instructions: Please read the following Instructions carefully before writing your answer.

1. All questions are compulsory.
2. Each question carries 1 mark. There is no negative marking for wrong answer.
3. There are four options - (A), (B), (C), (D) given against each question, out of which only one is correct. Mark your answer by filling bubble on the OMR answer sheet.
4. Candidate has to mark all his responses only on the separate OMR sheet provided.
5. Use only blue or black ball point pen. Use of pencil is not allowed.
6. Before you proceed to mark your response in OMR answer sheet, you have to fill in same particulars carefully in the OMR answer sheet as per your admit card. The OMR shall not be evaluated if incorrect/incomplete details are filled. OMR not signed by the Candidate/Invigilator shall not be evaluated.
7. No sheet from the question paper should be detached.
8. Sheet for rough work is appended in the question paper at the end.
9. If candidate gives more than one answer, it will be treated as wrong answer even if one of given answer happens to be correct.
10. In case of dispute, English version will prevail.

Note: The Information Provided here is only for Reference. It may vary the Original.
ENGLISH
Questions : 15

Direction for questions 1 – 3 :
Choose the OPPOSITE meaning of the given word.

Questions :
1. Immense
   (A) Insignificant  (B) Significant  (C) Huge  (D) Gigantic
2. Modest
   (A) Lenient  (B) Reserved  (C) Humble  (D) Arrogant
3. Transparent
   (A) Obvious  (B) Distinct  (C) Opaque  (D) Consistent

Direction for questions 4 – 6 :
Below several disarranged words are given in each question. Arrange them in proper order so that it makes a sentence and indicate the index (A or B or C or D) of the word you have chosen to put LAST.

Questions :
4. acts  care  she  with
   (A)  (B)  (C)  (D)
5. me  your  pleased  has  news
   (A)  (B)  (C)  (D)
6. in  of  I  money  am  need
   (A)  (B)  (C)  (D)

Direction for questions 7 – 9 :
Choose the best word or expression to complete the sentences.

Questions :
7. The husband was taken aback when his wife ________ to him that she ________ him for his money.
   (A) revealed .... had married  (B) declared .... married
   (C) revealed .... married  (D) confirmed .... has married
8. He informed ________ me to the police.
   (A) about  (B) against  (C) for  (D) with
9. He lives in the world of _______.
   (A) allusions   (B) illusions   (C) conclusions   (D) delusions

**Direction for questions 10 – 12:**
Choose the word which is nearest in meaning to the bold typed word.

**Questions:**

10. He is liked by all for his candid behaviour.
    (A) Social   (B) Simple   (C) Frank   (D) Sociable

11. In his old age the man turned a fatalist.
    (A) Disbeliever in God   (B) Believer in God
    (C) Believer in fate   (D) Non-believer in destiny

12. The officer was divested of all power.
    (A) Bared   (B) Denuded   (C) Dispossessed   (D) Disrobed

**Direction for questions 13 – 15:**
In each of the following questions various words are given, one of which is wrongly spelt. Find out the WRONGLY SPELT word.

**Questions:**

13. (A) Delusion   (B) Dovetail   (C) Divercity   (D) Diffident

14. (A) Doubtfull   (B) Awkward   (C) Ponderous   (D) Distinct

15. (A) Broch   (B) Bleak   (C) Bouquet   (D) Baneful
16. The Chardham highway project will come up in which state of India?
   (A) Jharkhand     (B) Sikkim     (C) Bihar    (D) Uttarakhand

17. Rajiv Gandhi Environment Award is given for outstanding contribution
   (A) to health      (B) to tourism  
   (C) to agriculture (D) in the development of Neat technology

18. Which become the first cricket venue in India to have a roof top solar power plant?
   (A) Jawaharlal Nehru Stadium    (B) Chinnaswamy Stadium 
   (C) Salt Lake Stadium         (D) Eden Gardens

19. Which of the following atmospheric layers reflects radio waves that are transmitted from
    the earth and again back to the earth?
   (A) Ionosphere     (B) Stratosphere     (C) Mesosphere (D) Troposphere

20. The 2017 Vibrant Gujarat Global Investors Summit has started in which city?
   (A) Ahmedabad   (B) Rajkot     (C) Surat    (D) Gandhinagar

21. The 2017 Island tourism Festival has started in which state / union territory?
   (A) Andaman and Nicobar   (B) Gujarat    (C) Rajasthan    (D) Lakshadweep

22. The largest river of all the west flowing rivers of the peninsular India is
    (A) Tapti     (B) Kaveri     (C) Krishna    (D) Narmada

23. Which of the following islands in India was once named “New Denmark”?
   (A) Salsatte Island  (B) Elephanta Island  
   (C) Lakshadweep     (D) Andaman & Nicobar Island

24. Which country, on the map of world, appears as "Long Shoe"?
   (A) Portugal    (B) Italy     (C) Greece    (D) Hungary

25. Who has won the 2016 Best FIFA Men’s player award?
   (A) Cristiano Ronaldo  (B) Lionel Messi   
   (C) Carli Lloyd   (D) Antonie Griezmann

26. The gas usually filled in the electric bulb is
    (A) Nitrogen     (B) Hydrogen    (C) Carbon dioxide    (D) Oxygen
27. Which bollywood personality has been conferred honorary doctorate by the Maulana Azad National Urdu University?
   (A) Aamir Khan     (B) Nawazuddin Siddiqui
   (C) Shahrukh Khan   (D) Salman Khan

28. Veteran actor Om Puri, who passed away recently, was belonged to which state?
   (A) Punjab          (B) Haryana    (C) Uttar Pradesh (D) Madhya Pradesh

29. Which state government will launch e-wallet "Tokapoisa.in" for cashless transaction in local language?
   (A) Odisha         (B) Assam      (C) Manipur    (D) Kerala

30. The partition of Bengal was sought to be brought about by
   (A) Lord Curzon    (B) Warren Hastings (C) Alfred Lyall  (D) Lord Cornwallis
MATHEMATICS
Questions – 15

31. The sum of the ages of a father and his son is 100 years now. Five years ago, their ages were in the ratio of 2 : 1. The ratio of the ages of father and son after 10 years will be
   (A) 4 : 3
   (B) 5 : 3
   (C) 3 : 5
   (D) 10 : 7

32. Rabin has 10 pairs of matched socks. If he loses 7 individual socks, what is the greatest number of pairs of matched socks he can have left?
   (A) 7
   (B) 6
   (C) 5
   (D) 4

33. \[
\frac{(0.0036)(2.8)}{(0.04)(0.1)(0.003)} = ?
\]
   (A) 840.0
   (B) 84.0
   (C) 8.4
   (D) 0.84

34. If Mahim loses 8 pounds, he will weigh twice as much as his sister. Together they now weigh 278 pounds. What is Mahim’s present weight, in pounds?
   (A) 131
   (B) 139
   (C) 147
   (D) 188

35. Car A is 20 miles behind Car B, which is traveling in the same direction along the same route as Car A. Car A is traveling at a constant speed of 58 miles per hour and Car B is traveling at a constant speed of 50 miles per hour. How many hours will it take for Car A to accelerate and drive 8 miles ahead of Car B?
   (A) 2.0
   (B) 2.5
   (C) 3.0
   (D) 3.5

36. \[(43\% \text{ of } 2750) \text{ – } (38\% \text{ of } 2990) = ?\]
   (A) 43.6
   (B) 46.3
   (C) 44.7
   (D) 49.3

37. Which of the following is the value of \[\sqrt[3]{0.000064} ?\]
   (A) 0.004
   (B) 0.02
   (C) 0.04
   (D) 0.2

38. If \(y\) is an integer, then the least possible value of \(|23 - 5y|\) is
   (A) 2
   (B) 3
   (C) 4
   (D) 5

39. Machine A produces bolts at a uniform rate of 120 every 40 seconds, and Machine B produces bolts at a uniform rate of 100 every 20 seconds. If the two machines run simultaneously, how many seconds will it take for them to produce a total of 200 bolts?
   (A) 22
   (B) 25
   (C) 28
   (D) 32

40. The water from one outlet, flowing at a constant rate, can fill a swimming pool in 9 hours. The water from a second outlet, flowing at a constant rate, can fill the same pool in 5 hours. If both outlets are used at the same time, approximately what is the number of hours required to fill the pool?
   (A) 0.22
   (B) 2.50
   (C) 3.21
   (D) 4.56

Note: The Information Provided here is only for Reference. It may vary the Original
41. A man sells his typewriter at 5% loss. If he sells it for Rs. 80 more, he gains 5%. The cost price of the typewriter is
   (A) Rs. 1600    (B) Rs. 1200    (C) Rs. 1000    (D) Rs. 800

42. A carpenter constructed a rectangular sandbox with a capacity of 10 cubic feet. If the carpenter were to make a similar sandbox twice as long, twice as wide, and twice as high as the first sandbox, what would be the capacity, in cubic feet, of the second sandbox?
   (A) 20    (B) 40    (C) 60    (D) 80

43. There are 4 more women than men on Centerville's board of education. If there are 10 members on the board, how many are women?
   (A) 3    (B) 4    (C) 6    (D) 7

44. In an increasing sequence of 10 consecutive integers, the sum of the first 5 integers is 560. What is the sum of the last 5 integers in the sequence?
   (A) 585    (B) 580    (C) 575    (D) 570

45. If x + 5 > 2 and x - 3 < 7, the value of x must be between which of the following pairs of numbers?
   (A) -3 and 10    (B) -3 and 4    (C) 2 and 7    (D) 3 and 4
46. If NAXALITE is written in a certain code as LYVYJGRC, how will INTEGRATE be written in the same code?
   (A) LGRECPYRC       (B) GLRCEPYRC
   (C) RYWMNOPQR       (D) BLACKHOLE

**Direction for questions 47 – 50**:
Read the information given below and answer the following questions on the basis of the information provided.

i) There is a family of 5 persons A, B, C, D and E.
ii) They are working as a doctor, a teacher, a trader, a lawyer and a farmer.
iii) B, an unmarried teacher, is the daughter of A.
iv) E, a lawyer, is the brother of C.
v) C is the husband of the only married couple in the family.
vi) A, a farmer, is a father of two sons and an unmarried daughter.
vii) Daughter-in-law of A is a doctor.

**Questions**:

47. Which of the following is the married couple?
   (A) A and B       (B) C and D       (C) A and D       (D) B and D

48. Who is the doctor in the family?
   (A) A       (B) B       (C) C       (D) D

49. Which of the following is a group of female members in the family?
   (A) B and D       (B) D and E       (C) A, C and E       (D) B and C

50. Who is the trader in the family?
   (A) A       (B) B       (C) C       (D) D

51. A man travels 3 kms to the West, turns left and goes 3 kms, turns right and goes 1 km, again turns right and goes 3 kms. How far is he from the starting point?
   (A) 7 kms       (B) 6 kms       (C) 5 kms       (D) 4 kms
Direction for questions 52 – 54:

Read the following information to answer the questions:
Symbolise the given number and symbol:

<table>
<thead>
<tr>
<th>Number</th>
<th>Symbol</th>
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<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>3</td>
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<td>Δ</td>
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i) If any number begins by odd number then the odd number symbolized as @.
ii) If any number ends by even number then the even number symbolized as ©.

Questions:

52. Which of the following will be the symbol of 846721?
(A) © + • + • × (B) ! + • + • @
(C) ! + • + • × (D) © + • + • ×

53. Which of the following will be the symbol of 178524?
(A) @ + ! $ * © (B) × + ! $ ©
(C) @ + ! $ * © (D) None of these

54. Which of the following will be the symbol of 673258?
(A) • + ? * $ ! (B) @ + ? * $ !
(C) @ + ? * $ ! (D) • + ? * $ ©

55. Which pair of English letters should be the next in the series of pairs of letters of English alphabet given below?
BE    GK    MR    TZ    BI
(A) JR  (B) KS  (C) JS  (D) KR

Direction for questions 56 – 59:

In each of the following questions, some words are given which are related in some way. The same relationship obtains among the words in one of the four alternatives given under it. Find the correct alternative.

Questions:

56. Dog : Squirrel : Tail
(A) Cottage : Hut : Palace (B) Fish : Crocodile : Water
(C) Horse : Ox : Horn (D) Truck : Scooter : Gear

57. Smile : Laugh : Cry
(A) Sit : Sleep : Play (B) Frown : Anger : Temper
(C) Morning : Night : Day (D) Touch : Catch : Release
58. Lizard : Reptile : Insects  
   (A) Fox : Wolf : Forest  
   (B) Fly : Insect : Bee  
   (C) Man : Omnivorous : Meat  
   (D) Tiger : Mammal : Deer  

59. Magazine : Story : Article  
   (A) Tea : Milk : Sugar  
   (B) Television : Newspaper : Entertainment  
   (C) Bed : Quilt : Pillow  
   (D) Novel : Drama : Literature  

60. Pointing to a boy in a photograph Akhil says, “He is the son of my mother’s only son’s son”. How is Akhil related to that boy?  
   (A) Uncle  
   (B) Brother  
   (C) Father  
   (D) Grandfather  

Note: The Information Provided here is only for Reference. It may vary the Original.
61. Which type of milling cutter is required for high speed mill operation?
   (A) Zero rake  (B) Negative rake  (C) Positive rake  (D) None of these

62. A rivet consists of head, shank and
   (A) neck  (B) body  (C) tail  (D) pilot

63. Mertempering is a ________ process.
   (A) normalising  (B) tempering  (C) annealing  (D) hardening

64. External thread is cut by means of
   (A) die  (B) reamer  (C) tap  (D) thread chaser

65. Drill socket compared to drill sleeve is
   (A) smaller  (B) larger  (C) of equal size  (D) much larger

66. For mass production, inspection of jobs is done by
   (A) gauge  (B) measuring instrument  (C) template  (D) jig

67. Tolerance is of ________ types.
   (A) 2  (B) 3  (C) 4  (D) None of these

68. An undercut shoulder is produced by using
   (A) grooving tool  (B) parting-off tool  (C) square nose tool  (D) None of these

69. Backlash eliminator should be provided in
   (A) upmilling  (B) down milling  (C) face milling  (D) gang milling

70. In annealing, cooling is done
   (A) very rapidly  (B) rapidly  (C) very slowly  (D) in air

71. In case of end milling, the cutter has teeth
   (A) on the end face  (B) on the periphery  (C) both on the end face and the periphery  (D) on half of the periphery

72. Included angle of the centre punch is
   (A) 30°  (B) 45°  (C) 60°  (D) 90°

73. While cutting double start threads of pitch 2 mm in a lathe, the cutting tool will advance by
   (A) 2 mm/revolution  (B) 1 mm/revolution  (C) 4 mm/revolution  (D) None of these
74. Drill sleeve has
   (A) no taper     (B) internal taper   (C) external taper   (D) Both (B) & (C)

75. To obtain the correct diameter of hole, the drill should be ground with both lips at
   (A) 30°        (B) 45°        (C) 59°        (D) 60°

76. In universal milling machine ________ number of table movements can be obtained.
   (A) 2         (B) 3         (C) 4         (D) 5

77. Rotary power of lead screw is transmitted to the lathe carriage through
   (A) gear    (B) rack and pinion  (C) half-nut  (D) chain & sprocket

78. Dividing head is used in mass production for guiding the
   (A) drills   (B) milling cutters  (C) reamers   (D) All of these

79. Austempering is an ________ process.
   (A) tempering (B) hardening   (C) annealing   (D) normalising

80. Which of the following milling machine is suitable for tool room work?
   (A) Fix bed type  (B) Universal milling machine  
   (C) Plain milling machine  (D) None of these

81. In case of turning, speed of job is four times greater than
   (A) grooving  (B) Knurling    (C) facing    (D) None of these

82. To obtain better gripping surface, the following operation is required:
   (A) Undercut    (B) Knurling  (C) Reaming  (D) Forming

83. Extension rods are extra features for
   (A) sine bar   (B) inside micrometer   (C) vernier caliper   (D) None of these

84. Gun metal is an
   (A) non-ferrous alloy   (B) compound  (C) alloy of copper   (D) All of these

85. Enlarging of previously drilled holes is known as
   (A) reaming     (B) boring   (C) broaching   (D) None of these

86. Last element of the cutting tool signature is
   (A) nose radius   (B) side clearance angle (C) front rake angle   (D) None of these

87. In which of the following power transmission system, key and keyway are needed?
   (A) Coupling   (B) Gear drive  (C) Belt-pulley drive  (D) All of these
88. The thickness of chip is minimum at the beginning and is maximum at the end of cut in case of _______ milling operation.
   (A) up   (B) down   (C) end   (D) face

89. Lathe centre has a point angle of
   (A) 30°  (B) 45°  (C) 60°  (D) None of these

90. Chasing dial is mounted on right end of the
   (A) tail stock  (B) apron  (C) cross slide  (D) None of these

91. Which one of the following is an accessories of lathe work?
   (A) Steady rest  (B) Tail Stock  (C) Feed rod  (D) None of these

92. Hobbing m/c is used for the mass production of
   (A) spur gear  (B) thread  (C) helical gear  (D) None of these

93. Smaller sizes of drills are not marked and the size is found by the use of
   (A) micrometer  (B) template  (C) drill gauge  (D) None of these

94. More than one surface can be machined at a time in
   (A) shaper  (B) lathe  (C) plano-miller  (D) None of these

95. Which one of the following material has the highest cutting speed?
   (A) Brass  (B) Bronze  (C) Al  (D) C.I.

96. Drilling is followed by
   (A) reaming  (B) tapping  (C) boring  (D) None of these

97. An alloy made of lead and zinc is called
   (A) borax  (B) spelter  (C) solder  (D) None of these

98. To mill the hexagonal headed bolt, the following milling operation is most suitable.
   (A) Form milling  (B) Straddle milling  (C) Face milling  (D) Angular milling

99. In lathe operation, job can be centred automatically and quickly by means of
   (A) magnetic chuck  (B) 4-jaw chuck  (C) air operated chuck  (D) 3 jaw chuck

100. To mill a gear of 83 teeth, _______ indexing method is used.
    (A) simple  (B) compound  (C) differential  (D) rapid

101. Hardening is followed by
    (A) tempering  (B) normalising  (C) annealing  (D) None of these

102. The term ‘module’ is related with
    (A) gear  (B) coupling  (C) pulley  (D) None of these
103. After thread cutting, the next operation is
   (A) drilling   (B) chamfering   (C) filing   (D) facing

104. Internal keyway can be cut by
   (A) shaping m/c  (B) broaching m/c  (C) slotting m/c  (D) All of these

105. In pipe joints, the following thread is used.
   (A) BSW  (B) BSP  (C) BA  (D) None of these

106. Downmilling operations should only be performed on
   (A) rigid machine  (B) plain milling machine  (C) rigid machine with backlash eliminator  (D) hand milling machine

107. The signature of the single point cutting tool comprises of _____ elements.
   (A) 7  (B) 6  (C) 5  (D) 4

108. Back gear is used for ______ operation
   (A) reaming  (B) grooving  (C) forming  (D) Thread cutting

109. Which of the following is an example of drilling operation?
   (A) Knurling  (B) Undercut  (C) Trepanning  (D) None of these

110. In chipping process, the following chisel is used.
    (A) Cape chisel  (B) Hot chisel  (C) Cold chisel  (D) Side chisel

111. In mass production, for guiding the milling cutter, ________ is used.
    (A) jig  (B) dividing head  (C) template  (D) fixture

112. Spindle speed in a lathe for turning a 40 cm dia job at a cutting speed of 30 m/min would be
    (A) 206 rpm  (B) 238 rpm  (C) 350 rpm  (D) None of these

113. Multiple tooling layout is possible in
    (A) Capstan lathe  (B) plano-miller  (C) planer  (D) All of these

114. Cylindrical job is supported by
    (A) stepped block  (B) angle plate  (C) V-block  (D) None of these

115. In milling machine, which of the following standard taper is mostly used?
    (A) Jarno  (B) Morse  (C) Metric  (D) Brown and Sharpe

116. Which of the following feeds is required for grooving operation?
    (A) Longitudinal  (B) Cross  (C) Vertical  (D) Combined
117. The term ‘loading’ is associated with
   (A) drill bit      (B) milling cutter      (C) grinding wheel      (D) broach

118. Zinc chloride is commonly used flux in the process of
   (A) welding      (B) soldering      (C) hard brazing      (D) None of these

119. High carbon steel contains _______ of carbon.
   (A) 0.3% to 0.5%    (B) 0.6% to 1.5%    (C) 0.15% to 0.3%    (D) None of these

120. Fool-proof arrangement is a safety measure of
   (A) broaching      (B) shaper      (C) milling m/c      (D) None of these

121. Which one of the following is a job supporting device?
   (A) Steady rest      (B) Mandrel      (C) Face plate      (D) Chuck

122. ‘Thump rule’ for tap drill size is normally taken as
   (A) 0.6 d      (B) 0.75 d      (C) 0.8 d      (D) d

   Where d = dia. of hole

123. Which index plate is to be required to index an angle of 19°40’?
   (A) Plate – I      (B) Plate – II      (C) Plate – III      (D) None of these

124. Which of the following tool angle improves surface finish?
   (A) Clearance angle      (B) Rake angle      (C) Nose angle      (D) None of these

125. Drilling jig is used for
   (A) prototype work      (B) repairing work      (C) mass production      (D) All of these work

126. Plug tap is also known as
   (A) taper tap      (B) bottoming tap      (C) intermediate tap      (D) None of these

127. Surface plate is made of
   (A) mild steel      (B) high carbon steel      (C) grey cast iron      (D) wrought iron

128. Universal milling machine is equipped with
   (A) quick return arrangement      (B) indexing arrangement      (C) fool-proof arrangement      (D) None of these

129. The average cutting speed for machining mild steel by a high speed steel tool is taken as
   (A) 10 mm      (B) 30 mm      (C) 40 mm      (D) 24 mm

130. Tumbler gears are used in
   (A) shaper      (B) milling m/c      (C) lathe      (D) broaching
131. Internal thread is cut by
   (A) tap         (B) die         (C) reamer         (D) thread chaser

132. Milling cutter is mounted on spindle in
   (A) vertical milling machine          (B) horizontal milling machine
   (C) plano-miller                (D) None of these

133. The feed shaft must be in disengaged condition during
   (A) facing          (B) thread cutting (C) turning         (D) None of these

134. In vertical milling m/c, cutter is mounted on
   (A) spindle     (B) collar       (C) arbor           (D) None of these

135. The tool for holding and turning the threading die is known as
   (A) handle       (B) adjusting wrench (C) stock          (D) drift

136. Which of the following is a direct measuring instrument?
   (A) Vernier caliper   (B) Sine bar
   (C) Oddleg caliper                     (D) Telescopic gauge

137. Taper turning attachment is used to cut
   (A) external long taper       (B) external steep taper
   (C) both internal and external tapers   (D) only internal taper

138. Coolant used while turning of cast iron is
   (A) soap water       (B) kerosine   (C) lard oil        (D) None of these

139. For general use of drill, point angle is
   (A) 60°         (B) 118°        (C) 120°           (D) 59°

140. Differential indexing is required to cut _______ gear.
   (A) 96          (B) 48        (C) 37            (D) 86

141. Mandrel is required to hold the
   (A) hollow job     (B) solid job (C) stepped job    (D) None of these

142. For tool room work, the following milling m/c is suitable.
   (A) Plain milling m/c       (B) Fixed bed type milling m/c
   (C) Plano-miller            (D) Universal milling m/c

143. Spiral flutes of reamer is
   (A) left handed        (B) right handed (C) Any one of these (D) None of these
144. To cut a spur gear of 54 teeth having module 3, the size of gear blank is required
(A) 132 mm  (B) 168 mm  (C) 180 mm  (D) None of these

145. For mass production of helical gears, the following machine is suitable.
(A) Gear shaper  (B) Broach  (C) Plain milling machine  (D) Hobbing machine

146. Suitable change gears for cutting 17 TPI on 4 TPI lead screw lathe are
(A) 30, 105  (B) 20, 85  (C) 15, 85  (D) None of these

147. Lapping is done after
(A) reaming  (B) drilling  (C) trepanning  (D) boring

148. Filing is followed by
(A) grinding  (B) lapping  (C) scraping  (D) None of these

149. To mill a gear of 89 teeth, _______ indexing method is to be adopted.
(A) simple  (B) compound  (C) differential  (D) rapid

150. Translating gear has the following number of teeth:
(A) 127 teeth  (B) 20 teeth  (C) 47 teeth  (D) None of these