

Question Bank for Section Engineer/Works

Objective Type Questions

1. For construction of Independent Bungalows shall be approved by -----
2. Requirement of Water per head/per day in quarters = -----
3. Group latrines shall not located with in --- meters of living quarters.
4. Group latrines shall not located with in --- meters of Cook House/Food Stall.
5. Group latrines shall not located with in ---meters of well supplying drinking water.
6. GAD of Buildings shall be approved by ----- officer in PCE's office.
7. No of water closets required for male in Office having 40 persons are-----
8. No of water closets required for male in Office having 51 persons are-----
9. No of water closets required for Female in Office having 40 persons are -----
10. No of water closets required for Female in Office having 46 persons are -----
11. No of Urinals required in Office having 6 persons are -----
12. No of Urinals required in Office having 7 -20 persons are -----
13. No of Urinals required in Office having 21 -45 persons are -----
14. No of Urinals required in Office having 46 -70 persons are -----
15. No of Urinals required in Office having 71 -100 persons are -----
16. No of Urinals required in Office having 101 -200 persons are -----
17. No of Wash Basins required in Office having 15 persons are -----
18. No of Wash Basins required in Office having 26 persons are -----
19. No of Drinking Water Fountains required in Office having 100 persons are -----
20. Height of Dado for wall in Hospitals/Dispensaries is -----
21. Annual Zonal Contract commences from -----
22. The Chairman of Colony Committee is -----
23. The Colony Committee will hold meeting once in every ----- months
24. Colony Committee should be formed in colonies having more than ----- quarters
25. The Inspection of Colony by Colony Committee shall be once in every ----- months
26. Inspection of Work Shops, Running Sheds, Platform covers by SE (Works) shall be once in ----
27. Inspection of Hoardings by the side of running lines by SE (Works) shall be once in----

28. All structures constructed and commissioned by Construction Organization shall be taken over by Open line within --- days
29. A minimum retention of ---- days is required for anaerobic digestion.
30. Area of Type I quarter is -----
31. Area of Type II quarter is -----
32. Area of Type III quarter is -----
33. Area of Type IV quarter is -----
34. Area of Type V quarter is -----
35. In Type V Qrs car garrage will be provided for ----% of the number of Units
36. For effective drainage in Water Proofing System Slope required is -----
37. The fillet of ----- mm is to be provided at the junction of parapet with roof.
38. The categorization of stations shall be reviewed in once in every ----- Years.
39. All suburban stations are included in ----- category.
40. Augmentation of Passenger Amenities for existing stations shall be charged under ----
----- Plan Head.
41. Expand PAMS - -----
42. Size of Booking Cubical =-----
43. Booking Counter width = -----m
44. Booking Counter height above floor level = -----m
45. The length of the platform should be adequate to accommodate -----
46. Height of the High Level Plat form of BG =
47. Height of the High Level Plat form of MG =
48. Height of the Low Level Plat form of BG =
49. Height of the Low Level Plat form of MG =
50. In case of Single face Plat forms the Platform should have a slope of ----- away
from the coping up to edge of the Berm
51. In case of two face (Island) Plat forms the Platform should have a slope of -----
away from the canter of platform up to Coping on either side.
52. A demarcation line should be drawn ----- m from the edge of the platform
53. The height of fencing of hedging for all single faced platforms = -----
54. The height of berm of Platform fencing = -----
55. Where the electricity is not available the responsibility of provision, repairs and
Maintenance of the lampposts will be the responsibility of -----Department.

56. The capacity of station platforms in discharging passengers per meter width in suburban stations is -----
57. The capacity of station platforms in discharging passengers per meter width in Non suburban stations is -----
58. At non suburban stations other than Junction & Terminal stations, waiting rooms shall only be provided if the number of upper class passengers dealt with daily is equal or more than -----
59. The central horizontal axis of the board should be at a height of ----- m above the platform surface.
60. Height of letters of Principal & Secondary Name boards = -----
61. Height of letters of Tertiary Name boards = -----
62. Colour of letters of Name board in non suburban stations is -----
63. The colour of Platform sign boards for passenger Amenities is -----
64. The colour of Platform sign boards for Important Offices is -----
65. ----- colour arrows at a height of ----- m above platform level should be painted for passenger amenities.
66. Size of the Platform Number sign Board is -----
67. Size of the letters of Platform Number sign Board is -----
68. Colour of letters of Platform number sign boards = -----
69. Category 'A' station should have an annual passenger earning of Rs. -----
70. Category 'B' station should have an annual passenger earning of. -----
71. Category 'D' station should have an annual passenger earning of. -----
72. Category 'E' station should have an annual passenger earning of. -----
73. Category 'F' stations are ----- Stations
74. Min. number of Taps in 'A' Category station PF = -----
75. Min. number of Taps in 'B' Category station PF = -----
76. Min. number of Taps in 'C' Category station PF = -----
77. Min. number of Taps in 'D' Category station PF = -----
78. Min area of Waiting Room in 'A' Category Station ----- Sqm
79. Min area of Waiting Room in 'B' Category Station ----- Sqm
80. Min area of Waiting Room in 'C' Category Station ----- Sqm
81. Min area of Waiting Room in 'D' Category Station ----- Sqm
82. Min. number of Urinals in 'A' Category station PF = -----
83. Min. number of Urinals in 'B' Category station PF = -----

84. Min. number of Urinals in 'C' Category station PF = -----
85. Min. number of Urinals in 'D' Category station PF = -----
86. Min. number of Urinals in 'E' Category station PF = -----
87. Min. number of Latrines in 'A' Category station PF = -----
88. Min. number of Latrines in 'B' Category station PF = -----
89. Min. number of Latrines in 'C' Category station PF = -----
90. Min. number of Latrines in 'D' Category station PF = -----
91. Min. number of Latrines in 'E' Category station PF = -----
92. Requirement of water per head in Office is -----
93. Requirement of water per head in Work Shop is -----
94. Requirement of water for Apron washing per Sqm -----
95. Requirement of Platform washing per Sqm -----
96. Requirement of water per passenger on Railway Station -----
97. Requirement of water for washing of carriages on washing lines -----
98. Requirement of water for cleaning of carriages on platform -----
99. Requirement of water for Gardens per Hectare -----
100. Requirement of water in Hospital per bed -----
101. Commission of railway safety works under -----
 A) Ministry of Railways C) Ministry of civil aviation
 B) Home ministry D) Zonal railway concerned.
102. The position of a point can be fixed more accurately -----
 A) Cross staff. C) Oblique square
 B) Optical square D) Perpendicular offset.
103. Different grades are joined together by -----
 A) Compound curve C) Reverse curve
 B) Transition curve D) Vertical curve
104. The height of stacks of cement while cement is being stored should not exceed
 A) 10 bags C) 20 bags
 B) 15 bags D) None of above
105. Bricks before being used in works must be soaked in water for a period not less than
 A) A full night C) 10 hours
 B) 6 hours D) None of above
106. Grades of concrete for reinforced shall not be lower than
 A) M 10 C) M 20
 B) M 15 D) M 7.5
107. Size of cubicle of a booking office is kept as
 A) 1.20 m * 1.50 m C) 1.50m * 1.80m
 B) 1.50 m * 1.20 m D) 1.80 m * 1.50 m
108. The width of bank at the top of formation B.G single line is kept as

123. The annual zonal contract, which generally commences from ----- of each year.
 A) 1st January B) 1st July C) Any date
124. On flat roof, slope of 1 in 60 shall be given **True / false**
125. The railway stations categorized A, B, C, D, E & F depending up on
 A) Annual goods earnings
 B) Annual passenger earnings
 C) According to plat-form area, passenger amenities etc
126. The ends of the platforms should be provided with ramps at a slope not steeper than
 A) 1 in 15 B) 1 in 10 C) 1 in 6
127. The height of the lower edge of the principal and secondary name boards should be----- above the plat-form
 A) 1.8 m B) 2.0 C) 2.5
128. The requirement of water railway office ----- is estimated as
 A) 30 liters per head.
 B) 45 liters per head
 C) 50 liters per head
129. Minimum residual chlorine available at the farthest end of distribution system of water supply shall be
 A) 0.1 mg per liter
 B) 0.2 mg per liter
 C) 0.5 mg per liter
130. The PH value of standards of quality of drinking water
 A) 5 to 6.5
 B) 6.5 to 8.5
 C) >10
131. The septic tank acts as sedimentation –cum-digestion tank. **True / false**
132. The drawing sheet A0 the size
 A) 210 mm x 297 mm
 B) 297 mm x 420 mm
 C) 841 mm x 1189 mm
 D) 594 mm x 841 mm
133. Minimum horizontal distance from center of track to any structure from R.L to 305 mm above R.L -----
134. Maximum distance apart of refuges in tunnels -----
135. Recommended gradient in station yards-----
136. Minimum height above R.L of signal gantry or FOB in a passenger station -----
137. Minimum width of cutting for single line in B.G section -----

138. A fouling mark is provided between two converging track at a point beyond which the center to center distance of track is less than the minimum **TRUE / FALSE**
139. Minimum free board of Railway Bridge is-----
 A) 600 mm
 B) 750 mm
 C) 1000 mm
140. The minimum thickness of jacketing should be ----- for strengthening of old bridge.
 A) 150 mm
 B) 200 mm
 C) 300 mm
141. Demand No: 4 -----
142. Inspection of building & structure done by Section Engineer (works) in
 A) Once a month
 B) Once in 6 months
 C) Once a year
 D) Once in 3 years
143. If the RL of a B.M is 100.00 m, the back sight is 1.215 m and the fore sight is 1.215 m and the foresight is 1.870 m; the R.L of the forward station is
 A) 99.345 m
 B) 100.345 m
 C) 100.665 m
 D) 101.870 m
144. Minimum required water cement ratio for a workable concrete is
 A) 0.30
 B) 0.40
 C) 0.50
 D) 0.6
145. Trestles can be used up to a height of -----
 A) 6.10 m
 B) 12.20 m
 C) 18.3 m
146. Bentonite is used in pile driving
 A) To facilitate pile driving
 B) To enable proper pile concreting
 C) To stabilize the bore hole walls
147. For how much time contractor is to maintain the bank or cutting done by him
 A) 12 months
 B) 6 months
 C) 10 months.
148. Expansion joints in a masonry walls are provided in wall lengths greater than
 A) 10 m
 B) 20 m
 C) 30 m
 D) 40 m
149. For DAR purpose to impose major penalty for employee which Standard Form to be issued by administration
 A) Form no: **11**
 B) Form no: **5**
 C) Form no: **8**
150. Train **Drivers** and guards can be classified as per **HOER**
 A) Intensive
 C) Excluded

B) Essentially intermittent D) Continuous

151. Waiting rooms should be considered only if the number of upper class passengers dealt with daily is more than.....nos.
152. There should be a waiting hall ofSq/m in 'D' category station
153. A sound, well burnt first class brick should give a clear.....sound when struck
154. The specification for ordinary port land cement shall confirm to IS.....
155. Earth work should be compacted in layers of.....cm
156. Under normal circumstances the mix proportion for plastering of inside of building is **1**:.....
157. The height of brick work in one day shall not generally exceed.....meters.
158. Pitching work should be test checked by AEN by.....percentage.
159. M-150 design mix concrete approximately correspond to 1:.....:.....
160. Brick masonry weigh.....Kg/Cubicmetre
161. How many urinals are required for an office where 75 persons work ?
162. How many water closets are required for a workshop where 64 persons work?
163. Staff canteens, kitchens should be provided with a dado of.....meters in height on the walls.
164. Addition, alteration to staff quarters only of a temporary nature may be permitted to be done by the occupant with the prior approval of.....Engineer.
165. Write the full form of SMR
166. Waiting rooms need not be provided at Suburban stations in.....category stations.
167. The minimum diameter of railway water pipe is.....mm
168. In what languages and order in which station names will be written?
169. The booking counter is placed at a height of.....mm above floor level.
170. The minimum self-cleaning velocity is.....meter /sec.
171. Vertical joints in brick work shall bemm thick and bed joints shall be the same with a permissible variation of + 1mm.
172. New brickwork shall be jointed to the old brickwork by tothing out alternate course of the old work at least by.....cm deep.
173. How many grades of concrete are there?
174. The script for the station names in Hindi shall be.....
175. The rate of flow at delivery end on Hydrant shall not be less than.....liters/minute.

176. A water main line should be laid such that there is at least.....m separation, horizontally from any existing or proposed drain or sewer line.
177. Consumption of water for office per head is.....liters
178. There should be.....Nos of taps of each platform on 'A' category station.
179. Sewer should be designed for a maximum velocity of.....meters/sec.
180. Expand the abbreviation DRG.
181. Sand should not contain more than.....percentage of silt or clay.
182. Water used for concreting shall be fit for.....
183. Earth work should be compacted so as to obtain value not less than.....percentage of the maximum dry density.
184. No excavated earth is dumped within.....meters on the top of cutting of any excavation unless permitted by the Engineer.
185. When hand mixing of concrete is specifically permitted by appropriate authority,.....percentage of extra cement at the cost of the contractor shall be used.
186. When the super structure of a building is 0.6 metre or more in height above plinth level, the plinth area shall be filled with earth or sand in.....cms layers.
187. Black cotton soil if stacked and taken measurement, a deduction of.....to.....percentage will be done at the description of the Engineer.
188. The highest size of sieve for sewing sand is.....mm.
189. Ordinary cement weigh.....Kg/Cubic metre.
190. Dry loose earth weigh.....Kg/Cubic metre
191. What is the minimum residual pressure for water supply at Ferrule point for a two storied building?
192. Where depths are measured by levelling instruments and staff, measurements shall be taken correct to.....mm.
193. Sand..... to a substantial extent when it is wet.
194. How many grading zones for sand?
195. For reinforced concrete work, coarse aggregate having a maximum size of.....mm is generally considered satisfactory.
196. Building register shall be maintained up to date and show complete details of each structure, as per para..... of the Indian Railway code of engineering department.
197. Section Engineer should inspect all the buildings, water supply installations etc once in.....months.

198. Structures situated along side of running lines to be inspected by section Engineer once in... months.
199. Colony committee should be formed in big colonies having more than.....quarters normally
200. Rest houses interior white washing schedule is once in.... .years.
201. For systematic plantation, each Division should prepareplan for every subdivision and plantation work should be carried out accordingly.
202. Hedges cutting should be done once inmonths.
- 203 Survey of surviving trees should be made once in a.....
204. Mates and supervisors should be trained using facilities available with..... institutions or elsewhere.
205. Land Acquisition Act is of....(mention the year)
206. The ownership of all land held by the Railway vests in the.... ..,the interest of the Railway being confined to the rights of occupation as user.
207. Land records register should be maintained in theoffice.
208. Indian explosive Act is of....(mention year)
209. Blasting operations within.....meters of a running line should normally be carried out under block protection.
210. The destruction of explosives should, in all cases be supervised by the... ..
211. D&A rules come into force with effect from.....(Write date,month and year)
212. A Railway Servant may be placed under suspension by the competent authority as mentioned in the
213. Time limit for appeal is ... days from the date on which the appellant receives a copy of the punishment order.
214.is not a punishment
215. While forming the 2002 SSR, the rates of materials and labor prevalent in the year.....have been taken into consideration.
216. As per SSR item for earth work, rates include lead up to.....meter and lift up to.....meter.
217. Deduction towards voids for sandy material is.....percentage.
218. M 30 Concrete corresponds approximately to nominal mix of.....
219. Sample of bricks to be used on the work shall be got approved by..... after testing.
220. The minimum end overlapping for roofing shall be.....mm

221. The charges leviable as departmental charges for the outside agencies work is.....percent.
222.may at his discretion, waive wholly or partially the recovery of the departmental charges.
223.square meter is one acre.
224. The unit of velocity is.....
225. Railway Act is enacted in the year.....
226. General rules for the Indian Railway is of the year....
227. Height above rail level for high passenger platform in BG is.....metre
228. Minimum horizontal distance from center of track to any structure from rail level to 305mm above rail level in BG ismeter.
229. The proportion for plastering outside Railway building is 1:...
230. The cut spoil lead specified in standard specification of material is.....meter.
231. Every.... shall be responsible for the payment to be made under payment of wages Act.
232. A paid weekly rest is provided inAct.
233. The number of hours of work for an adult worker shall not be more than....hours
234. Permanent land will be shown in ... color in land plans.
235. The assessed rent for each class of quarters should be fixed at ...% of the total cost of all the quarters in that class.
236. Rent of quarters to be assessed once in... years.
237. There will be only two classes of building ie....building and.....building
238. If the glass of survey instrument is dusty a soft....brush may be used to clean.
239. If the screws of survey instrument becomes stiff, a paste made of.....and Vaseline in suitable proportion and melted together may be used.
240. SCR/T/I stands for.....
241. The authority to sanction acquisition of land for railway purpose is.....
242. Each stock holder should verify his stock once in every.....months.
243. ... of land is not permitted except when it is approved by Railway board.
244. Standing committee of to be set up to fix the rental value and to review traffic commitments by the Licensees.
245. Nominal License fee of Rs... ..to be charged for the existing religious structures.
246. No trees to be planted on thecurves.

247. Liberal use of... ..Act 1971 should be made to remove all the encroachment existing on Railway Land.
248. Leasing of land to recognized unions for construction of office ...permitted
249. Plant at least... ..saplings for each mature tree disposed off.
250. Licensing of Railway land for purpose not connected with Railway working.... ..since 1984.
251. Accounts code is known by the index letter 'A', and hence Commercial code is known by
252. Land records register should be maintained in..... office
253. No smoking shall be allowed within.....meters of a magazines storing explosive material
254. All works in which cement mortar is used must be kept wet for at least.....weeks
255. As per SSR, Earth work lead beyond..... will be paid separately
256. Corrugated GI sheet surface shall be included with plain surface after increasing the areas by.....percentage .
257.will be the chairman of the colony care committee
258. Write the full form of SIG inspection
259. Write the size of a standard brick
260. A lamp post on platform should not be less than.....meters clear from platform face.
261. The minimum overhead for a sub way should be.....meter.
262. The height for a high level platform BG is.....mm
263. Sun cracks on bullies, which are not more than.....mm deep and are not continuous for more than 60cm in length may be permitted
264. Cutting in rocks will be with a slope of.....horizontal to one vertical.
265. If the work is stopped, the top surface shall be kept filled with of water until the work starts again or fordays whichever is lesser
266. Expand BM in survey.
267. Lawns should be mowed once in a.....
268. Hedge cutting should be done once in.....months.
269. The unit of earth work is.....cum.
270. The minimum compressive strength of first class brick should be.....Kg/sq.cm.
271. Bricks should not absorb more than.....percentage of its own dry weight of water when immersed in water for 24 hours.

272. All lease and licenses of Railway Land should be covered by.....in approved form.
273. The diameters specified for the bully shall be the diameter at the.....of the length of the bully.
274. Assistant Engineer should test check.....percentage of levels on the central line for an earth work.
275. Earthen Bund shall be set up by the contractor at interval of.....meters on the straight on completion of earth work profile
276. Brickwork should be built with.....bond.
277. No face stone shall be less in width in plan than.....cm for wall of 40cm thick.
278. The criteria for acceptance or rejection of concrete is based on...days compressive strength.
279. No structures shall be less in depth than.....times than its height.
280. 100 hectares is equal to.....Sq.Km
281. Tolerance in width and height of factory made shutters shall be + or -mm.
282. liter is equal to one gallon.
283. Dry clean sand weighs.....Kg/cum.
- 284Kg is equal to one quintal.
285. One metric tone is equal to.....ton.
286. Cutting of steel for fabrication may be done by , sawing or by gas
287. In steel work, holes for rivets shall be larger in diameter than the rivet or bolt.
288. Making and drilling of holes in members of steel shall be done with the use of
289. The rivet testing hammer size is gram.
290. Electrodes to be used in welding shall confirm to the relevant specification.
291. Painting work of Iron & steel shall confirm to specification No.
292. In no case shall mortar which has been allowed to stand more than minutes after mixing, be used.
293. The surface to be plastered shall be cleared and scrubbed with fresh water and kept wet for at least hours prior to commencement of the plastering.
294. While commencing plaster work, patches of plaster 15 cm X 15 cm shall first be put about metres apart both horizontally and vertically as gauges to ensure even plastering in one place.
295. All plastering shall be kept wetted for days.

296. Any subsequent coat of paint shall not be applied till the preceding one has set for at least hours.
297. After all the coats of paint have been applied and set, the surface shall be kept damp for a period of days.
298. Expand D&A rules.
299. Railway Act is of Year.
300. is General Manager of South Central Railway.
301. The degree of a curve is 2.5. What is the radius?
302. What is initial lead for earthwork prescribed in S.S.R?
303. D&A rules came into force with effect from (Write date month and year)
304. A paid weekly rest is provided in Act.
305. The rent of a quarter to be assessed once in years.
306. Section Engineer/Works shall maintain books at all stations buildings and other important buildings.
- 307 Section Engineer/Works shall be..... responsible for the accurate setting out and execution of all works.
308. Section Engineer/works shall maintain..... Of measurement books.
309. Section Engineer/works shall examine all tools and plant with the artisans once inmonths
310.Nos of Wash basins to be provided in a building occupied by 48 persons.
311.Nos of urinals to be provided in a factory where 67 person work.
312. The overhead tanks should be cleaned and applied on walls as per laid down schedule.
313. Categorization of stations shall be reviewed every..... years starting from 1995-96.
314. Non suburban stations with an annual passenger earnings between Rs 3 corers to 6 corers iscategory station.
315. On a C class station the drinking water taps on each platform is.... Taps.
316. The daily scale of water supply for Officers per day is... liters.
317. Pump Horse Power PHP is.....
318. For pressure mains galvanized screwed pipes up to....mm may be used
319.pipes are best suited where pressure is low and danger of shock is small.
320. Keep the top of pipe at least... meters below ground surface when pipes are laid.
321. The bed of the trench shall be finished to an even gradient/level and filled with soil rammed inmm layers when pipes are laid.

322. Provide.... Valves at all summits and... valves at all sags.
323. and pipe should face the direction from which the water will flow.
324. the open end of the last pipe at the end of the days pipe laying work.
325. Provide.....as necessary in order to divide the main pipe into convenient section for repairs..
326. For treatment of water on large scale,..... is generally used as treatment for disinfections.
327. A system for removal of any unwanted liquid is called as.....
328. Minimum self cleansing velocity adopted in sewerage design is....mps for peak flow.
329. Minimum diameter of sewer shall be ...mm in ordinary areas.
330. Standard drawing should not be departed from without specific permission ofEngineer.
331. Additions and alterations to an existing plan should be shown in.....colour.
332. The trimme size of A0 sheet is.....
333. The title block in a drawing should be placed at the bottom....corner of the sheet.
334. The size of the title block in a drawing is....mm X ...mm
335. The existing work that has to remain should be marked in line in drawings.
336. Standard drawings issued by RDSO shall not be.....
337. The desirable PH value in water ranges from.....to....
338. The radius of the curve is 3500 meters and hence the degree of curvature is.....
339. The shape of transition curve is
340. The formula for shift is.....
341. E stands for Engineering code and R stands for.....code
342. The unit of earth work is....cubic meter as per SSR.
343. ISRD is expanded as.....
344. A vertical curve shall be provided at the junction of the grade where the algebraic difference between the grade is to one more than....mm per metre.
345. Platform should have a slope of 1 in.... away from the coping.
346. Height of platform fencing is....mm
347. Drinking water pipe on platform should be fixed as to obviate the possibility of.... under them.
348. Station name board letter script should be.....mm in height.
349. Height of platform name board should be at least...metres from platform level to the underside.

350. The center of the station building should be marked aarrow on the outside face of the building.
351. Leave on average pay of a Railway servant will be credited with.....days in a year
352. Maximum leave on average page that can be accumulated at any time is.....days
353. Leave can not be claimed by a Railway servant as a matter of
354. Maximum leave on average pay that may be granted at a time to a Railway servant shall be.....
355. A Railway servant shall be entitled to leave on half average pay ofdays in respect of each completed year of service.
356. Maximum leave on half average pay that can be granted at one time ismonths
357. LHAP can be converted in to half the period of such leave on an average pay on medical grounds is called.....
358. LHAP up to a maximum ofdays shall be allowed to be commuted during entire service.
359. 'Leave not due' during the entire service shall be limited to a maximum ofdays on medical certificate
360. The payment of cash equivalent of leave salary shall be limited to a maximum ofdays of leave on average pay.
361. A male Railway servant with less than two surviving children may be granted.....leave for a period of.....days during the confinement of his wife.
362. A female Government servant with less than two surviving children may be granted maternity leave for a period of.....days.
363. In case an employee's family member is suffering from infectious disease.....leave may be granted on the certificate of Medical officer
364. Study leave is not granted for.....pursuits.
365. For donation of blood for one day.....leave can be granted.
366. Employees who are appointed after 1.2.1999 in pay scale minimum of which is Rs.6,500/- or above, are eligible for.....class pass
367. If a pass is issued only for one journey it can be made available for.....months only
368. Maximum number of dependents can be included in a pass/PTO.....
369. When a dependent is included the maximum number of persons for which a pass/PTO can be obtained.....

370. If both husband and wife are employees in the Railway, children are permitted passes on which account.....
371. Will casual labour be entitled to the privilege of passes and PTOs.....
372. How many sets of PTOs may be granted to licensed porters in every year.....
373. A parent or a guardian may be included in a school pass which is issued for a girl of.....age or a boy underyears of age
374. While applying for school passes.....must be always be produced.
375. Group 'D' employees with service 25 years and more are eligible forset of post retirement complimentary passes every year.
376. Reduction to a lower time scale of grade is apenalty
377. Compulsory retirement of a Railway servant in accordance with the rules relating to his superannuation or retirement ispenalty.
378. The appointment of enquiring authority is done on a standard form No.....
379. Disciplinary authorities may nominate.....officer to present the case before the inquiry authorities.
380. In case of major penalties, the final orders passed by the disciplinary authority, giving reasons there for, are known as.....orders.
381. The competent authority shall not be lower than that by which employee was appointed, to impose.....
382. A detention period of _____ for Septic tanks serving for less than 50 persons
 a) 10 to 18 hrs. b) 24 to 36 hrs. c) 24 to 48 hrs. * d) 48 hrs.
383. A detention period of _____ for Septic tanks serving for more than 50 persons
 a) 10 to 18 hrs.* b) 24 to 36 hrs. c) 24 to 48 hrs. d) 48 hrs.
384. The periodical cleaning of septic tank should normally should not exceed ____ months
 a) 12 * b) 24 c) 36 d) 48
385. The recommended bottom slope of septic tank is _____ towards inlet pipe.
 a) 3 to 5 % b) 5 to 10 % * c) 5 to 8 % d) 5 %
386. Group of latrines or urinals should not be located _____ m of living quarter.
 a) 15* b) 30 c) 45 d) 50
387. Group of latrines or urinals should not be located _____ m of any cook house/food stall.
 a) 15 b) 30 * c) 45 d) 50
388. Group of latrines or urinals should not be located _____ m of any well supplying drinking water.
 a) 15 b) 30 c) 45 * d) 50
389. The No. of water closets to be provided in an office building for male persons (as per IRWM – 2000)
 a) 1 for every 10 b) 1 for every 15 c) 1 for every 25* d) 1 for every 30
390. The No. of water closets to be provided in an office building for female persons (as per IRWM – 2000)
 a) 1 for every 10 * b) 1 for every 15 c) 1 for every 25 d) 1 for every 30

391. For estimating requirements of water _____ lits. Per day may be considered for residential area house hold consumption for officers and staff per head.
 a) 135 b) 175 c) 200 * d) 225
392. The practical value of yield may be obtained by multiplying the critical velocity with
 a) circumference of well b) height of well c) area of floor of well * d) volume of well
393. Reciprocating pumps are suitable for pumping from Open wells.
394. In average condition of tub soil the critical velocity is between _____ m per sec.
 a) 500 to 700 b) 700 to 900 c) 750 to 1200 * d) 750 to 900
395. Reciprocating pumps are not suitable for pumping from Tube wells.
396. RCC pipes are capable to cater the needs, where pressures are upto
 a) 2.5 kg/sq cm b) 3.0 kg/sq cm * c) 5 kg/sq cm d) 7.5 kg/sq cm
397. C.I and steel pipes can cater the needs where pressures are around.
 a) 15 kg/sq cm b) 20 kg/sq cm c) 24 kg/sq cm * d) 30 kg/sq cm
398. Air valve of proper size are required to be provided at
 a) high gradient b) low gradient
 c) summits * d) change of direction of pipe
399. In a water supply scheme/project the distribution system will be approximately ____ of the estimated water supply project.
 a) 20 to 30 % b) 30 to 40 % * c) 40 to 50 % d) 40 to 70 %
400. The recommended peak factor for average consumption of water supply is (as per IRWM)
 a) 1.5 b) 1.8 c) 2.0 d) 2.5 *
401. For a 40 mm distribution main, the No. of service pipes of 15 mm dia is _____
 a) 10 b) 12 * c) 15 d) 16
402. Distribution system should not ordinarily be designed for residual pressures exceeding
 a) 18 m b) 20 m c) 22 m * d) 24 m
403. Distribution system for single storied building should be designed for minimum residual pressures at ferrule point is
 a) 5 m b) 7 m * c) 10 m d) 8
404. Distribution system for two storied building should be designed for minimum residual pressures at ferrule point is
 a) 12 m * b) 17 m c) 10 m d) 18
405. Distribution system for 3 storied building should be designed for minimum residual pressures at ferrule point is
 a) 12 m b) 17 m * c) 10 m d) 18
406. The prescribed rate of flow at delivery and on hydrant for carriage watering shall not be less than _____ lit/min.
 a) 100 * b) 125 c) 150 d) 175
407. The alignment of the sewer is determined from a survey plan which should be prepared to a scale of _____
 a) 50 m to a cm b) 100 m to a cm *
 c) 75 m to a cm d) 150 m to a cm
408. The velocity of flow in a sewer is recommended not to exceed _____
 a) 1.0 mps b) 1.5 mps c) 2.0 mps d) 2.5 mps
409. Minimum velocity of _____ is recommended for peak flow
 a) 0.4 mps b) 0.6 mps * c) 0.8 mps d) 1.0 mps
410. Railway land can be given for housing societies on licensing (T/F) F.
411. Railway land can not be given for constructions of union offices on licensing (T/F) T.

412. For Union offices, only structure should be given on rent bases only, no leasing or licensing of land for union offices (T/F) T.
413. Licensing of land is permitted on commercial exploitation for Railway working only.
414. Leasing of land can be given without boards approval (T/F) F.
415. Limited usage of land for the purpose of passage etc is called as way leave facility.
416. The width of land is limited to as way leave facility.
 a) 1 m * b) 2 m c) 2.5 m d) 3 m
417. In way leave facility length is more than 100 mt _____ approval is required.
 a) DRM * b) DEN c) GM d) AEN
418. Railway land licensed to private parties (connected to Railway working only), fixation of license fee is minimum _____ of the market value.
 a) 5% b) 6% * c) 10 % d) 12 %
419. Other than large tower and commercial center, the periodical revision of rent for Railway land licensed to private parties.
 a) 5 years b) 7 years c) 8 years d) 10 years *
420. Security deposit in the case of Railway land licensed to out siders, equivalent to ____ of occupation fee.
 a) 6 months b) 12 months * c) 18 months d) 24 months
421. In case of railway land licensed for use as religious places the fee should be recoved as a uniform rate of _____ per annum.
 a) Rs. 100/- * b) Rs. 200/- c) Rs. 300/- d) Rs. 500/-
422. Licensing of land for schools to be opened by state government in Railway colonies the period of license should not exceed _____ years.
 a) 25 b) 30 * c) 50 d) 99
423. According to _____ land can be acquired in emergency.
 a) Section 14 * b) Section 17 c) Section 18 d) Section 20
424. According to _____ land can be acquired urgent works.
 a) Section 14 b) Section 17 * c) Section 18 d) Section 20
425. In acquisitions process Capitalized value of land revenue is a deposit amount _____
 a) Paid to Central Govt.
 b) Paid to Forest Dept.
 c) Paid to Local Govt. *
 d) None of the above.
426. Public Premises means
 1) Wholly owned by Private party
 2) Wholly owned by Govt.
 3) Govt. is having more than 50% share
 4) Private party is having more than 50% share
 a) 1 is correct b) 2 is correct c) 2 & 3 are correct * d) 1 & 4 correct