

4. Which of the following is a correct length of

a standard athletics track ?

(a) 200 metre

(b) 300 metre

(c) 400 metre

(d) 800 metre

5. If no relaxations/condonations are applied,

then to appear in end semester examinations,

a candidate must have attended at

least.....of total classes held in each theory/

lab/project/seminar/drawing etc. subject.

(a) 80%

(b) 75%

(c) 65%

(d) 60%

No. of Printed Pages : 40

Roll No.

18A14

B.Tech. EXAMINATION, 2022

(First Semester)

(C-Scheme) (Main & Re-appear)

(Common for all Branches)

MC101C

INDUCTION PROGRAM

Time : 1½ Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Darken the circle on the OMR Sheet with ball point pen (blue or black) for only one most correct choice (out of a, b, c, d). Each

correct answer is of 1 mark. No marks would be granted for more than one darkened choice for any one question. There is no negative marking. The supplied plain sheet may be used for rough work, if any.

1. “SGPA” and “CGPA” respectively stand for :

- (a) “Standard Grade Point Average” and “Current Grade Point Average”
- (b) “Semester Grade Point Average” and “Cumulative Grade Point Average”
- (c) “Standard Grading Process for Averaging” and “Certified Grading Procedure App.”
- (d) “Standard Grading Process App.” and “Certified Grading Procedure App.”

2. For a student to be eligible to get B.Tech. degree, which one of the following statement(s) is (are) true ?

- (a) Student has to do such number of prescribed courses which total to a prescribed range of credits.
- (b) Student has to complete all prescribed number of courses within a stipulated period of 4 years (extended duration 7 years; but 6 years for LEET students)
- (c) Any semester exam. result should lead to a minimum SGPA of 4.0.
- (d) All of the above

3. In a B.Tech. Program, the weightage of Sessionals or Class Work Marks of a Theory course as a percentage of Total Marks of the course is :

- (a) 75%
- (b) 60%
- (c) 40%
- (d) 25%

14. Which of the following improves flexibility ?

- (a) Sprints
- (b) Calisthenics alone
- (c) Calisthenics and Yoga
- (d) Weight training

15. The 'Indian National Army' or 'Azad Hind Fauj' was formed under the vision of which great Indian hero ?

- (a) Lala Hardayal
- (b) Bhagat Singh
- (c) Mahatma Gandhi
- (d) Netaji Subhash Chandra Bose

16. The lessons of passive-resistance and non-violence came largely from which of the following national heroes ?

- (a) Lala Hardayal

6. "U.H.V." in the context of induction Program means :

- (a) Unidentified Human Values
- (b) Universal Human Values
- (c) Universal Human Vaccine
- (d) University High Virtues

7. In a B.Tech. program, for the theory course, one lecture hour is equal to.....credit(s).

- (a) Four
- (b) Three
- (c) Two
- (d) One

8. In a B.Tech. program, for the Practical course, one Practical Laboratory hour is equal to.....credit(s)

- (a) One-fourth

- (b) Half
- (c) One
- (d) Two

9. The Induction Program in 1st year B.Tech. is a :

- (a) Mandatory Non-credit course
- (b) Mandatory Credit course
- (c) Optional Elementary course
- (d) Elective Non-credit course

10. Name the author(s) of the book, "A Foundation Course in Human Values and Professional Ethics."

- (a) Dr. Abdul Kalam
- (b) Dr. Joseph Murphy
- (c) R. R. Gaur, R. Sangal and G.P. Bagaria
- (d) Dr. Spencer Johnson

11. Which is the most common trait for the success of a student and the success of a good leader ?

- (a) Knowledge of laws of the country
- (b) Knowledge of commerce
- (c) Listening
- (d) Both (a) and (b)

12. Which of the following improves endurance ?

- (a) Long distance running
- (b) Calisthenics (flexibility exercises)
- (c) Sprints
- (d) Weight lifting

13. Which of the following improves strength ?

- (a) Long distance running
- (b) Calisthenics
- (c) Pranayama
- (d) Weight training and sprints

23. "Messiah of the poor" is popularly the description of :

- (a) Ram Prasad Bismil
- (b) Rao Tula Ram
- (c) Mahatma Gandhi
- (d) Chhotu Ram

24. Indian National Sports day is celebrated on the birth anniversary of whom ?

- (a) Mrs. Mary Kom — A female boxer.
- (b) Sh. Ranjit Singh — A football player
- (c) Maj Sh. Dhyan Chand — A hockey player
- (d) Sh. Milkha Singh — a sprinter

25. Jana Gana Mana is the :

- (a) National Song
- (b) National Anthem
- (c) National Mantra
- (d) National Emblem

(b) Bhagat Singh

(c) Mahatma Gandhi

(d) Mangal Pandey

17. Which national hero is associated with great intellectual acumen as well as revolutionary activities?

(a) Lala Hardayal

(b) Chandra Shekhar Azad

(c) Mahatma Gandhi

(d) Mangal Pandey

18. Which of the following do not pertain to Induction Program ?

(a) Physical Activities, Creative Arts, Mentoring and Universal Human Values

(b) Literary Activities, Proficiency Modules, Lectures and Workshops by Eminent People

- (c) Visits to Local Areas, Familiarization
With Respective Dept./Branch and
Institute, Co-curricular Activities in
Univ./College
- (d) NCC, NSS, Inculcating religious beliefs.

19. Example of Collective nouns are :

- (a) Tolerance, strength
- (b) Cuckoo, parrot
- (c) Shivalik mountain, Ganga river
- (d) Pride, army

20. Examples of Abstract nouns are :

- (a) Nation, President
- (b) Beauty, Truth
- (c) Sand, Cement
- (d) Rose, Mahatma Gandhi

21. When is Haryana Heroes' Martyrdom Day celebrated ?

- (a) September 23rd each year
- (b) September 5th each year
- (c) January 26th each year
- (d) August 15th each year

22. Haryana Heroes' Martyrdom Day's is observed on the death anniversary of :

- (a) Shaheed Bhagat Singh, a freedom fighter hanged by the British
- (b) Chandra Shekhar Azad, who was Indian revolutionary who reorganised the Hindustan Republican Association (HRA) under its new name of Hindustan Socialist Republican Army (HSRA)
- (c) Rao Tula Ram, a freedom fighter during India's first war of independence in 1857
- (d) Ram Prasad Bismil who founded the Hindustan Republican Association

32. In a University/Institute, the right place for female staff and female students to lodge complaints of sexual harassment is :

- (a) Inquiry committee
- (b) Women Cell
- (c) Chief Warden (Girls Hostel).
- (d) Lady district magistrate of the University/Institute

33. For the enduring success of a student the most important characteristics/competences are :

- (a) Pays less attention to others, be regular in purchase of books, Methodical balanced sleep, eagerness
- (b) Regularity to do yoga, ability to do without sleep for a day, think out of the box, lots of wealth, dressing sense.

26. Mary Kom is famous for being :

- (a) Four-time World Amateur Boxing Champion
- (b) Five-time World Amateur Boxing Champion
- (c) Four-time Olympics Boxing Champion
- (d) Five-time World Amateur Karate Champion

27. 'Flying Sikh' is the popular description of :

- (a) K. D. Jadhav
- (b) Bahadur Prasad
- (c) Surendra Singh
- (d) Milkha Singh

28. The National Emblem of the Republic of India is an adaptation of the :

- (a) A lion owned by Maharaja Ranjit Singh
- (b) Peacock in a dancing disposition
- (c) Lion Capital of Ashoka
- (d) Cuckoo on a tree

29. 'Flying Sikh' title became famous for the winner of 200 m race, as :

- (a) General Ayub Khan said to be winner, ".....you did not run, you flew."
- (b) Pandit Jawahar Lal Nehru said to the winner, ".....you did not run, you flew".
- (c) General Ayub Khan said to the winner, ".....you are a flying sikh".
- (d) Pandit Jawahar Lal Nehru said to the winner, ".....you did us proud by flying."

30.was the first individual Indian from Independent India to win a medal in the Olympics; he won the.....medal in the.....category.

- (a) M. D. Jadhav, Bronze, Wrestling
- (b) Abhinav Singh Bindra, Gold, Shooting
- (c) Mahesh Bhupati, Bronze, Tennis
- (d) Mary Kom, Gold, Karate

31.was the first individual Indian from Independent India to win a Gold Medal in the Olympics; he/she won the gold medal in the.....category.

- (a) K. D. Jadhav, Wrestling
- (b) Abhinav Singh Bindra, Shooting
- (c) Mahesh Bhupati, Tennis
- (d) Mary Kom, Karate

39. Is there any law which can serve as deterrence against online abuse ?

- (a) Information Technology Act
- (b) Mercantile Law
- (c) Law of Torts
- (d) Consumer Protection Act

40. Online education is better in which one of following respects ?

- (a) It is not necessary to unmute oneself and respond to queries of the teacher.
- (b) One can attentively attend to all lectures while even walking on the road.
- (c) It doesn't matter what the teacher-taught ratio is, as the teacher addresses as if only one student via one terminal.
- (d) In the examinations, there is at least some scope of getting some help from some quarters.

(c) Remembering, comprehension, fast writing, ability to apply and analyze, physical fitness.

(d) Lot of data, memory, good health, talk less, listen to recorded lectures.

34. Bloom's Taxonomy says that.....is the next higher level than "Comprehension".

- (a) Evaluation
- (b) Remembering
- (c) Creating
- (d) Applying

35. The SWOT Analysis stands for :

- (a) Stand and Win; be Oppressed and be Terminated
- (b) Strength Without Opportunity is a Threat.
- (c) Strengths, Weaknesses, Opportunities and Threats.
- (d) Stamina, Weaknesses, Opportunities and Throwing power.

36. How to most befittingly complete the following sentence ? "Life is.....,but a racial heritage that we receive for use and development."

- (a) not a personal possession
- (b) a personal possession
- (c) an illusion
- (d) not an uncertain event

37. The conversion (multiplying) factor to convert CGPA into equivalent %age marks is :

- (a) 10
- (b) 9.75
- (c) 9.5
- (d) 9.33

38. The forgetting features (unless the material is attempted to be remembered more than once) of human brain is a :

- (a) blessing, because it makes way for new information to be stored and also helps to forget nasty things.
- (b) curse, because it causes a lot of loss of information and also causes to forget nasty people against whom we must take revenge.
- (c) blessing, because it helps to make us arrogant and ignorance is a bliss
- (d) curse, because it makes the brain vacant after some time and new information has to be stored again and again whole life.

47. Flipped classroom refers to :

- (a) a teacher passes on reference(s) of materials to be taught in next class, students come prepared after reading the same and teacher responds to their questions and expands on the material learnt by students
- (b) a type of blended learning where students are introduced to content at home, and they practice working through it at college/university
- (c) the reverse of the more common practice of introducing new content at college/ University, then assigning homework and projects to be completed by the students independently at home
- (d) All of the above

41. Offline education is better in which one of the following respects ?

- (a) One can hide oneself behind another student instead of responding to each query of the teacher.
- (b) The teacher can easily identify the poor performers or non-attentive students and nudge them to do better.
- (c) Students can pass jokes on the teacher.
- (d) In the examinations, there is much scope of getting some help from some quarters.

42. The most significant contribution of Deenbandhu Chhotu Ram is :

- (a) He brought into force the laws for protection of interests of students
- (b) He actively participated in Quit India Movement

- (c) He brought into force the laws for protection of interests of peasants
 - (d) He actively participated in Gadar movement.
43. Power of your Subconscious mind lies in the fact that whatever your conscious mind assumes and believes to be true, your subconscious mind will :
- (a) try to verify it from past knowledge.
 - (b) remember it but try to avoid it.
 - (c) argue with you till the last point.
 - (d) accept and try to actualize it.
44. The B.Tech. Degree courses are ought to be approved by :
- (a) University Grants Commission
 - (b) Council of Architecture
 - (c) MHRD
 - (d) AICTE

45. The most of the problems of the world are rooted in :
- (a) Poor listening
 - (b) Tough terrain of different countries
 - (c) Melting of glaciers leading to flash floods
 - (d) Lack of natural resources.
46. The best way to avoid a supplementary in any theory course exam. is :
- (a) Keep yourself in the good books of each teacher, regularly study next book, try to grill the teachers
 - (b) Argue intensely with each teacher in the class, regularly study more than two books per subject, play a lot.
 - (c) Listen less but talk to each teacher in the class, regularly study course book, try to study from the internet.
 - (d) Listen intently to each teacher in the class, regularly study course book, try to reproduce learnt materials.

55. The “maze” in the book, “Who Moved My Cheese ?” is where :

- (a) you look for what you want, perhaps the organisation you work in, or the family of community you live in.
- (b) A complex pattern like a zig-zag, difficult to reach at the end
- (c) A zigsaw puzzle
- (d) A network of paths and hedges in a metropolitan city through which one has to find a way.

56. In the story contained in the book, “Who Moved My Cheese ?”, the characters are faced with :

- (a) expected change in their search for the treasure of money
- (b) expected change in their search for the cheese

48. The most often occurring manner of getting stuck and not making progress in life is :

- (a) To not invest money in bonds and securities
- (b) To yield to fixedness of views and be in-authentic
- (c) To not formally study Commerce and Economics
- (d) To not formally study Mathematics and Sciences

49. The best way for a student to open up one’s horizon is to :

- (a) Use painting along with use of Mathematics
- (b) Learn geography with Science
- (c) Use liberal education besides the Knowledge of subject
- (d) Use only experiential learning.

50. In B.Tech. theory courses, the minimum pass marks for end semester Examination are :

- (a) 50%
- (b) 45%
- (c) 40%
- (d) 33%

51. Haryana was carved out of the former state of East Punjab on.....is its capital.

- (a) 1 November, 1966; Chandigarh
- (b) 5 November, 1966; Chandigarh
- (c) 15 November, 1966; Faridabad
- (d) 5 September, 1966; Chandigarh

52. The State of Haryana was created on the.....basis.

- (a) territorial contiguity
- (b) religious
- (c) linguistic
- (d) rivers water

53. Which main rivers flow through Haryana ?

- (a) The Ganga, The Yamuna, The Saraswati
- (b) The Yamuna, The Saraswati, The Ghaggar
- (c) The Sutlej, The Yamuna, The Saraswati
- (d) The Yamuna, The Ganga, The Beas.

54. The “Cheese” in the book, “Who Moved My Cheese ?”, represents :

- (a) Fresh-home made cheese, that everyone likes to have in life
- (b) Italian Mozzarella Cheese
- (c) Swiss Pasta Cheese
- (d) A metaphore for what we want have in life

62. As long as you persist in saying, “I can’t afford that position in academics, that level of physical fitness, that kind of mental alertness, that kind of communication, or that kind of financial status, etc.,” you can rest assured that your “.....” will follow your orders, and you will go through life experiencing.....

(a) “body”

the fulfillment of all these things

(b) “subconscious mind”

the lack of all these things

(c) “conscious mind”

the lack of all these things

(d) “heart”

the fulfillment of all these things

(c) unexpected change in their search for the cheese

(d) unexpected change in their search for treasure of money.

57. From the book, “Who Moved My Cheese ?” one learns :

(a) how to be healthy in life by feeding oneself on nuts and cheese

(b) how to anticipate, adapt to and enjoy change and be ready to change quickly whenever one needs to

(c) how to examine change and how to resist change whenever someone imposes it upon you but do change on one’s own volition

(d) how to rise to political fame by using the power of elections

58.of the characters in the book, “Who Moved My Cheese ?” Eventually deal(s) with change successfully and write(s) what he/they has(have) learned on the maze walls :

- (a) None as the experience of failure
- (b) One for others to discover
- (c) Two to assert their leadership
- (d) Three to forge compliance

59. The problem faced by.....character(s) in the book, “Who Moved My Cheese ?” is that :

- (a) four the cheese keeps moving
- (b) three the maze keeps changing its walls
- (c) two the other two don't cooperate
- (d) one he is left alone is the race

60. The book “Who Moved My Cheese ?”that reveals profound truths.

- (a) a simple parable
- (b) a real story of four school
- (c) an historical story written about 100 years back
- (d) a story of four players of Cricket.

61. Who is(are) the author(s) of the book, “The POWER of Your Subconscious Mind” ?

- (a) Dr. L. Har Dayal
- (b) R. R. Gaur, R. Sangal and G.P. Bagaria
- (c) Dr. Joseph Murphy
- (d) Dr. Spencer Johnson

(c) Poor and the rich mind, the walking and the alert mind, the surface and the deep self, the voluntary and the involuntary mind.

(d) object and the prosperous mind, the walking and the static mind, the surface and the ocean self, the voluntary and the involuntary mind.

68. Warming up exercises are the ones which involve :

(a) Exercises of weight training and weight lifting

(b) Exercises involving sustained long distance running interspersed by sprint running

(c) Very slow leisure walk

(d) Exercises involving brisk movements of different body parts interspersed by comfortable running.

63. If you suggest to your subconscious mind prior to sleep, "I want to get up at 6 A.M.," it will :

(a) awaken you at that exact time

(b) not bother but will respond to the alarm set by you on the watch/table-clock.

(c) not bother but will respond to the alarm set by you on the mobile phone

(d) not have any role in awakening you.

64. Every.....is a cause, and every.....is an effect.

(a) word, thought

(b) fight, prosperity

(c) thought, condition

(d) action, worry

65. If you want to make progress in any field of endeavor, there is an essential first step :

- (a) You must ignore all principles and by hook or crook, gather progress
- (b) You must ignore your health and pay attention to the field in which you wish to progress
- (c) You must not fall in the trap of discovering a working basis that is universal in its application
- (d) You must discover a working basis that is universal in its application.

66. According to the universal law of action and reaction,.....is incipient action, while the reaction is the.....from your subconscious mind that corresponds to the nature of your thought.

- (a) “anger” “work done”

- (b) “response” “thought”

- (c) “thought” “response”

- (d) “humbleness” “fear”

67. Many names have been used to distinguish the duality of the mind. These include the conscious and the subconscious mind, other names are :

- (a) the objective and the subjective mind, waking and the sleeping mind, the surface and the deep self, the voluntary and the involuntary mind.
- (b) the rational and the irrational mind, the beautiful and the ugly mind, the superficial and the real mind, the involuntary and the voluntary mind.

74. One of the teachings to learn from a great principle, “Whatever you give to others, you have to get it first,” is :

- (a) Forget all past and present knowledge
- (b) Teach a bitter lesson to the mischief-monger
- (c) Get demotivated/unlearn from others
- (d) Enroll/motivate/teach others.

75. The bottom line about placements : “No placements happens in vacuum”, means :

- (a) It requires academic strength and good soft skills to get placed
- (b) It requires academic strength but not good soft skills, to get placed.
- (c) It requires no academic strength but only good soft skills to get placed
- (d) It requires no academic strength but lot of publicity to get placed.

69. Reading is like a.....for the brain. Brain is like a.....; the less it is used, the more it atrophies.

- (a) “fun” “race”
- (b) “workout” “muscle”
- (c) “muscle” “workout”
- (d) “race” “fun”

70. A common principle leading to increase in mental strength as well as muscular strength is :

- (a) Tougher to Toughest (Principle of Excessive Overload)
- (b) Simple to Simplest (Principle of quick/ Sudden Overload)
- (c) Tougher to Simpler (Principle of Graded Underload)
- (d) Simpler to Tougher (Principle of Graded Overload)

71. In the examinations, one must first identify exactly what is asked. Successively more detail is called for it questions belong to the following categories :

- (a) Expound, List, Describe, Enumerate, Explain
- (b) Describe, List, Enumerate, Explain, Elaborate
- (c) Explain, List, Describe, Elaborate, Enumerate
- (d) List, Enumerate, Describe, Explain, Elaborate.

72. One flip side (good aspect) of examinations for most of the students is that when examinations happen, all faculties/mental abilities of a student :

- (a) are active

(b) tend to disappear

(c) become half

(d) leave the student in the lurch

73. To involve both the hemispheres of brain in the learning process, thus making learning with greater profundity (with improve creativity and retention), one :

- (a) must deliberately appreciate the matter being read, even if not willing
- (b) must read the matter as it is, without attacking any emotions.
- (c) must depreciate the matter deliberately, even if not willing
- (d) may appreciate the matter being read, only if not willing.