

UNIVERSITY OF MYSORE
Postgraduate Entrance Examination October-2021



**QUESTION PAPER
BOOKLET NO.**

Entrance Reg. No.

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SUBJECT CODE : 40

QUESTION BOOKLET

(Read carefully the instructions given in the Question Booklet)

COURSE : M.Tech.

SUBJECT : Urban and Regional Planning

MAXIMUM MARKS : 50

MAXIMUM TIME : 1.15 HOURS

(Including time for filling O.M.R. Answer sheet)

INSTRUCTIONS TO THE CANDIDATES

1. The sealed question paper booklet containing 50 questions enclosed with O.M.R. Answer Sheet is given to you.
2. Verify whether the given question booklet is of the same subject which you have opted for examination.
3. Open the question paper seal carefully and take out the enclosed O.M.R. Answer Sheet outside the question booklet and fill up the general information in the O.M.R. Answer sheet. If you fail to fill up the details in the form as instructed, you will be personally responsible for consequences arising during evaluating your Answer Sheet.
4. During the examination:
 - a) Read each question carefully.
 - b) Determine the Most appropriate/correct answer from the four available choices given under each question.
 - c) Completely darken the relevant circle against the Question in the O.M.R. Answer Sheet. For example, in the question paper if "C" is correct answer for Question No.8, then darken against Sl. No.8 of O.M.R. Answer Sheet using Blue/Black Ball Point Pen as follows:

Question No. 8. (A) (B) (C) (D) (Only example) (Use Ball Pen only)
5. Rough work should be done only on the blank space provided in the Question Booklet. Rough work should not be done on the O.M.R. Answer Sheet.
6. If more than one circle is darkened for a given question, such answer is treated as wrong and no mark will be given. See the example in the O.M.R. Sheet.
7. The candidate and the Room Supervisor should sign in the O.M.R. Sheet at the specified place.
8. Candidate should return the original O.M.R. Answer Sheet and the university copy to the Room Supervisor after the examination.
9. Candidate can carry the question booklet and the candidate copy of the O.M.R. Sheet.
10. The calculator, pager and mobile phone are not allowed inside the examination hall.
11. If a candidate is found committing malpractice, such a candidate shall not be considered for admission to the course and action against such candidate will be taken as per rules.
12. Candidates have to get qualified in the respective entrance examination by securing a minimum of 8 marks in case of SC/ST/Cat-I Candidates, 9 marks in case of OBC Candidates and 10 marks in case of other Candidates out of 50 marks.

INSTRUCTIONS TO FILL UP THE O.M.R. SHEET

1. There is only one most appropriate/correct answer for each question.
2. For each question, only one circle must be darkened with BLUE or BLACK ball point pen only. Do not try to alter it.
3. Circle should be darkened completely so that the alphabet inside it is not visible.
4. Do not make any unnecessary marks on O.M.R. Sheet.
5. Mention the number of questions answered in the appropriate space provided in the O.M.R. sheet otherwise O.M.R. sheet will not be subjected for evaluation.

ಗಮನಿಸಿ : ಸೂಚನೆಗಳ ಕನ್ನಡ ಆವೃತ್ತಿಯು ಈ ಪುಸ್ತಕದ ಹಿಂಭಾಗದಲ್ಲಿ ಮುದ್ರಿಸಲ್ಪಟ್ಟಿದೆ.

- 1) A Village within urban areas are called as
(A) Fringe Village
(B) Urban Village
(C) Urban Slum
(D) Peripheral Village
- 2) The population range of Class II Town as per Census of India is
(A) Less than 10000 (B) 10000-20000
(C) 20000-50000 (D) 50000- 100000
- 3) Regional Planning is done at the level of
(A) Settlement level (B) Taluk Level
(C) District Level (D) (A) to (C) above are correct
- 4) The 73rd and 74th Constitutional Amendment was introduced in the year
(A) 1961 (B) 1947
(C) 1992 (D) 2014
- 5) Architect of Indian Constitution is
(A) Mahatma Gandhi (B) Dr. B.R. Ambedkar
(C) Sardar Vallabhai Patel (D) Pandit Nehru
- 6) The inner rings surrounding the pith is called
(A) Green wood rings (B) Soft wood rings
(C) Annual rings (D) None of the above
- 7) Building woods are protected by
(A) Painting (B) Seasoning of wood
(C) Both (A) and (B) (D) None of the above

- 8) Refractories made out of Clay is produced for
(A) Resisting high temperature (B) Resisting high load
(C) Resisting high pressure (D) Resisting vibration load
- 9) Bull's trench kiln is a
(A) Continuous Kiln (B) Country Kiln
(C) Drying Kiln (D) None of these.
- 10) Hollow brick are preferred for building, as it is having
(A) Light weight
(B) Consumes less laying time
(C) Reduces heat and sound transmission
(D) All the above
- 11) Sociology is the study of :
(A) Socio-political institutions (B) Political system
(C) Human behavior (D) Society
- 12) A 'household' refers to
(A) A group of persons who normally live together and take their meals from a common kitchen
(B) A group of persons who normally live and working together
(C) A group of persons who normally working and live together
(D) None of the above
- 13) Social Mobility Means
(A) Travelling of groups from one place to another
(B) Participation in the cultural activities of modern age
(C) Migration from rural to urban areas
(D) Movement of people between positions on different levels
- 14) Human Rights pertain to caring for the rights of
(A) Women (B) Men
(C) Minorities (D) All of these

- 15)** Collaboration of two or more people in a work is called
(A) Teamwork (B) Division of labour
(C) Both (A) & (B) (D) None of these
- 16)** As per 2011 Census, which of the following State in India has the highest urban population?
(A) Tamil Nadu (B) Punjab
(C) Maharashtra (D) Karnataka
- 17)** Life span means
(A) Passing form one year to next year
(B) Maximum number of years that one can live
(C) Average life that one can life
(D) None of these
- 18)** The sex ratio is
(A) The number of women per hundred men
(B) The number of children a woman has
(C) The number of females per one thousand males
(D) The number of children biologically possible for a woman
- 19)** Emigration means
(A) Going out of home country (B) Going out of home district
(C) Going out of home village (D) None of these
- 20)** Which one of the following process defines Demographic Transition?
(A) Migration and Fertility (B) Mortality and Morbidity
(C) Fertility and Mortality (D) Morbidity and Fertility
- 21)** Economics is defined as the study of
(A) Business
(B) How society manage scarce resources
(C) Central Planning
(D) Government regulation

- 22) Primary sector of an economy is
(A) Agriculture (B) Banking and Trade
(C) Industries and Commerce (D) Both (A) & (B)
- 23) Economic Planning is a subject of
(A) In the Union List (B) In the State List
(C) In the Concurrent List (D) None of the above
- 24) What is Gross National Product?
(A) The total output of goods and services produced by the country's economy
(B) The total domestic and foreign output claimed by residents of the country
(C) The sum of gross domestic product and investment
(D) National income minus national expenditure
- 25) National income is the
(A) Net National Product at Market price
(B) Net National product at factor cost
(C) Net domestic product at market price
(D) Net domestic product at factor cost
- 26) Swachh Bharat Mission (Urban) emphasizes on
(A) Elimination of open defecation
(B) Eradication of Manual Scavenging
(C) Modern and Scientific Municipal Solid Waste Management
(D) All the above
- 27) In 'AMRUT' Stands for
(A) Atal Mission for Rejuvenation and Urban Transformation
(B) Atal Mission for Redevelopment and Urban Transport
(C) All Mission for Rejuvenation and Urban Transformation
(D) None of the above
- 28) In ICT stands for
(A) Information, Communication and Technology
(B) Information, Communication and Transferring
(C) Information, Communication and Transporting
(D) Information, Computing and Technology

- 29)** The City of Chandigarh was designed by
(A) Leo Corbusier (B) Patrick Geddes
(C) Charles Correa (D) Lori Baker
- 30)** The number of cities selected under smart cities initiatives in India
(A) 98 (B) 100
(C) 20 (D) 95
- 31)** FAR is defined as
(A) The quotient of the ratio of combined super built up area of all the floors to the total area of the plot
(B) The quotient of the ratio of combined covered area (plinth area) of all the floors to the total area of the plot
(C) (A) and (B) above are correct
(D) None of the answer is correct
- 32)** Master Plan is prepared for towns and cities under which of the following Act?
(A) Municipal Act (B) Building bye-laws
(C) Town and Country Planning Act (D) Regional Planning Act
- 33)** Which of the following is a Fundamental Duty of the Citizen of India?
(A) Right to freedom
(B) Right to equality
(C) To protect and improve natural environment including forest, rivers, wild life and to compassion for living creatures
(D) (A) and (B) are correct
- 34)** Village Planning in Karnataka is done under which of the following Act?
(A) Town and Country Planning Act
(B) Karnataka Panchayat Raj Act
(C) Village Planning Act
(D) The State Planning Act

- 35)** Satellite Town is a
- (A) Industrial town
 - (B) Residential Township
 - (C) Electronic City
 - (D) Market Town
- 36)** The reaction of Quick lime when added with water and falls into powder after cracks and swells is called
- (A) Burning
 - (B) Slaking
 - (C) Decomposition
 - (D) Lime setting
- 37)** Economic cut and fill in the longitudinal alignment survey of roads
- (A) Reduces cost
 - (B) Balanced depth of cut and fill
 - (C) Reduces time
 - (D) All the above
- 38)** Finding angle or setting the level on ground is possible by using
- (A) Theodolite
 - (B) Dumpy level
 - (C) Compass
 - (D) None of these
- 39)** Building portion within outer profile of a plinth of the foundation called
- (A) F.A.R
 - (B) Coverage
 - (C) F.S.I
 - (D) None of these

40) A building estimation are using for finding

- (A) Cost
- (B) Material quantity
- (C) Specifications
- (D) All of these

41) A sewerage system carries

- (A) Sewage
- (B) Sullage
- (C) Storm water
- (D) All of these

42) The term camber in road structure has

- (A) Upward convexity
- (B) Downward convexity
- (C) Flat surface
- (D) None of these

43) The demand for water in a city includes

- (A) Domestic use
- (B) Industry uses
- (C) Fire
- (D) All the above

- 44)** The housing stock analysis considers
- (A) Housing units
 - (B) House hold size
 - (C) Age group structure
 - (D) All the above
- 45)** The Rain water Harvesting can be implemented over
- (A) Roof tops
 - (B) Open spaces
 - (C) Both (A) and (B) are correct
 - (D) None of the above
- 46)** The object of Zoning is
- (A) To control the physical development
 - (B) To control the land uses for different uses
 - (C) (A) and (B) are correct
 - (D) None of the answer is correct
- 47)** Conservation of Heritage Sites covers
- (A) National Feature areas of Environmental Significance
 - (B) Heritage building and Precincts of high significance
 - (C) Aesthetic, architectural and cultural buildings
 - (D) (A) to (C) all the above are correct

48) Which of the following answer is correct for Urban growth as per Census of India?

- (A) Natural Growth and migration
- (B) Natural growth, migration and reclassification of towns
- (C) Natural growth only
- (D) Migration only

49) High rise building means

- (A) A building above 2 stories
- (B) A building above 4 stories
- (C) A building exceeding 15 mts or more
- (D) (B) and (C) answer are correct

50) Building Line is _____

- (A) A line up to which the boundary of site adjoining a street
- (B) A Line up to which the plinth of the adjoining a street
- (C) A line up to which the excavation for foundation the adjoining a street
- (D) None of the above answers are correct



Rough Work

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

1. ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಜೊತೆಗೆ 50 ಪ್ರಶ್ನೆಗಳನ್ನು ಹೊಂದಿರುವ ಮೊಹರು ಮಾಡಿದ ಪ್ರಶ್ನೆ ಪುಸ್ತಕವನ್ನು ನಿಮಗೆ ನೀಡಲಾಗಿದೆ.
2. ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆ ಪುಸ್ತಕವು, ನೀವು ಪರೀಕ್ಷೆಗೆ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡಿರುವ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ್ದೇ ಎಂಬುದನ್ನು ಪರಿಶೀಲಿಸಿರಿ.
3. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಮೊಹರು ಜಾಗ್ರತೆಯಿಂದ ತೆರೆಯಿರಿ ಮತ್ತು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಿಂದ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಹೊರಗೆ ತೆಗೆದು, ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಸಾಮಾನ್ಯ ಮಾಹಿತಿಯನ್ನು ತುಂಬಿರಿ. ಕೊಟ್ಟಿರುವ ಸೂಚನೆಯಂತೆ ನೀವು ನಮೂನೆಯಲ್ಲಿನ ವಿವರಗಳನ್ನು ತುಂಬಲು ವಿಫಲರಾದರೆ, ನಿಮ್ಮ ಉತ್ತರ ಹಾಳೆಯ ಮೌಲ್ಯಮಾಪನ ಸಮಯದಲ್ಲಿ ಉಂಟಾಗುವ ಪರಿಣಾಮಗಳಿಗೆ ವೈಯಕ್ತಿಕವಾಗಿ ನೀವೇ ಜವಾಬ್ದಾರಾಗಿರುತ್ತೀರಿ.
4. ಪರೀಕ್ಷೆಯ ಸಮಯದಲ್ಲಿ:
 - a) ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಯನ್ನು ಜಾಗ್ರತೆಯಿಂದ ಓದಿರಿ.
 - b) ಪ್ರತಿ ಪ್ರಶ್ನೆಯ ಕೆಳಗೆ ನೀಡಿರುವ ನಾಲ್ಕು ಲಭ್ಯ ಆಯ್ಕೆಗಳಲ್ಲಿ ಅತ್ಯಂತ ಸರಿಯಾದ/ ಸೂಕ್ತವಾದ ಉತ್ತರವನ್ನು ನಿರ್ಧರಿಸಿ.
 - c) ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಸಂಬಂಧಿಸಿದ ಪ್ರಶ್ನೆಯ ವೃತ್ತಾಕಾರವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬಿರಿ. ಉದಾಹರಣೆಗೆ, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 8ಕ್ಕೆ "C" ಸರಿಯಾದ ಉತ್ತರವಾಗಿದ್ದರೆ, ನೀಲಿ/ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಬಳಸಿ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಕ್ರಮ ಸಂಖ್ಯೆ 8ರ ಮುಂದೆ ಈ ಕೆಳಗಿನಂತೆ ತುಂಬಿರಿ:
 ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ 8. (A) (B) (C) (D) (ಉದಾಹರಣೆ ಮಾತ್ರ) (ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ ಮಾತ್ರ ಉಪಯೋಗಿಸಿ)
5. ಉತ್ತರದ ಪೂರ್ವಸಿದ್ಧತೆಯ ಬರವಣಿಗೆಯನ್ನು (ಚಿತ್ತು ಕೆಲಸ) ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ಒದಗಿಸಿದ ಖಾಲಿ ಜಾಗದಲ್ಲಿ ಮಾತ್ರವೇ ಮಾಡಬೇಕು (ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮಾಡಬಾರದು).
6. ಒಂದು ನಿರ್ದಿಷ್ಟ ಪ್ರಶ್ನೆಗೆ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ವೃತ್ತಾಕಾರವನ್ನು ಗುರುತಿಸಲಾಗಿದ್ದರೆ, ಅಂತಹ ಉತ್ತರವನ್ನು ತಪ್ಪು ಎಂದು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ ಮತ್ತು ಯಾವುದೇ ಅಂಕವನ್ನು ನೀಡಲಾಗುವುದಿಲ್ಲ. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿನ ಉದಾಹರಣೆ ನೋಡಿ.
7. ಅಭ್ಯರ್ಥಿ ಮತ್ತು ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರು ನಿರ್ದಿಷ್ಟಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯ ಮೇಲೆ ಸಹಿ ಮಾಡಬೇಕು.
8. ಅಭ್ಯರ್ಥಿಯು ಪರೀಕ್ಷೆಯ ನಂತರ ಕೊಠಡಿ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಮೂಲ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಪ್ರತಿಯನ್ನು ಹಿಂದಿರುಗಿಸಬೇಕು.
9. ಅಭ್ಯರ್ಥಿಯು ಪ್ರಶ್ನೆ ಪುಸ್ತಕವನ್ನು ಮತ್ತು ಓ.ಎಂ.ಆರ್. ಅಭ್ಯರ್ಥಿಯ ಪ್ರತಿಯನ್ನು ತಮ್ಮ ಜೊತೆ ತೆಗೆದುಕೊಂಡು ಹೋಗಬಹುದು.
10. ಕ್ಯಾಲ್ಕುಲೇಟರ್, ಪೇಜರ್ ಮತ್ತು ಮೊಬೈಲ್ ಫೋನ್‌ಗಳನ್ನು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯ ಒಳಗೆ ಅನುಮತಿಸಲಾಗುವುದಿಲ್ಲ.
11. ಅಭ್ಯರ್ಥಿಯು ದುಷ್ಕೃತ್ಯದಲ್ಲಿ ತೊಡಗಿರುವುದು ಕಂಡುಬಂದರೆ, ಅಂತಹ ಅಭ್ಯರ್ಥಿಯನ್ನು ಕೋರ್ಸ್‌ಗೆ ಪರಿಗಣಿಸಲಾಗುವುದಿಲ್ಲ ಮತ್ತು ನಿಯಮಗಳ ಪ್ರಕಾರ ಅಂತಹ ಅಭ್ಯರ್ಥಿಯ ವಿರುದ್ಧ ಕ್ರಮ ಕೈಗೊಳ್ಳಲಾಗುವುದು.
12. ಈ ಪ್ರವೇಶ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಅರ್ಹರಾಗಲು ಒಟ್ಟು 50 ಅಂಕಗಳಲ್ಲಿ SC/ST/Cat-I ಅಭ್ಯರ್ಥಿಗಳು ಕನಿಷ್ಠ 8 ಅಂಕಗಳನ್ನು, OBC ಅಭ್ಯರ್ಥಿಗಳು ಕನಿಷ್ಠ 9 ಅಂಕಗಳನ್ನು ಮತ್ತು ಇನ್ನಿತರ ಅಭ್ಯರ್ಥಿಗಳು ಕನಿಷ್ಠ 10 ಅಂಕಗಳನ್ನು ಪಡೆಯತಕ್ಕದ್ದು.

ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯನ್ನು ತುಂಬಲು ಸೂಚನೆಗಳು

1. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೆ ಒಂದೇ ಒಂದು ಅತ್ಯಂತ ಸೂಕ್ತವಾದ/ಸರಿಯಾದ ಉತ್ತರವಿರುತ್ತದೆ.
2. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಒಂದು ವೃತ್ತವನ್ನು ಮಾತ್ರ ನೀಲಿ ಅಥವಾ ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್‌ನಿಂದ ಮಾತ್ರ ತುಂಬತಕ್ಕದ್ದು. ಉತ್ತರವನ್ನು ಮಾರ್ಪಡಿಸಲು ಪ್ರಯತ್ನಿಸಬೇಡಿ.
3. ವೃತ್ತದೊಳಗಿರುವ ಅಕ್ಷರವು ಕಾಣದಿರುವಂತೆ ವೃತ್ತವನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ತುಂಬುವುದು.
4. ಓ.ಎಂ.ಆರ್. ಹಾಳೆಯಲ್ಲಿ ಯಾವುದೇ ಅನಾವಶ್ಯಕ ಗುರುತುಗಳನ್ನು ಮಾಡಬೇಡಿ.
5. ಉತ್ತರಿಸಿದ ಪ್ರಶ್ನೆಗಳ ಒಟ್ಟು ಸಂಖ್ಯೆಯನ್ನು O.M.R. ಹಾಳೆಯಲ್ಲಿ ನಿಗದಿಪಡಿಸಿರುವ ಜಾಗದಲ್ಲಿ ನಮೂದಿಸತಕ್ಕದ್ದು. ಇಲ್ಲವಾದಲ್ಲಿ O.M.R. ಹಾಳೆಯನ್ನು ಮೌಲ್ಯಮಾಪನಕ್ಕೆ ಪರಿಗಣಿಸುವುದಿಲ್ಲ.

Note : English version of the instructions is printed on the front cover of this booklet.