

Sl. No. :

(BET - 11)

**BET - 11 ENTRANCE TEST,  
ELIGIBILITY TEST 2011.**

HALL TICKET No. :

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Signature of the Candidate  
(Name of the candidate)

Signature of the Invigilator

Time : Two hours

Max. Marks : 100

Min. Marks for Pass : 35

**INSTRUCTIONS TO CANDIDATES**

- Clearly write your Hall Ticket Number in the space provided without corrections or overwriting. If any correction is made, get it certified by the invigilator. You are prohibited from writing your name or Hall Ticket No. on any part of the Question paper cum answer booklet except in the space provided.
- This question paper cum answer booklet consists of Five Sections of A, B, C, D and E. Each Section carries 20 Marks.
- Candidates have to write **either** Telugu **Or** Hindi from Section B and they should not write both Hindi and Telugu. Candidates choosing 'Telugu' as their second language should attempt Question 3 and Question 4 of Section B in Telugu only. Those who wants to answer second language other than 'Telugu' should attempt Hindi questions namely Question 3 and Question 4 under Section B.
- You have to write answers only in the space provided against each question. Separate answer sheets will not be supplied. Question paper cum answer booklet should be returned to the invigilator after the examination.
- Use blue or black ink pen only.
- Any rough work should be done in the space provided at the end of the question paper booklet.

**A. పాఠ్యపుస్తకం ప్రకారం**

- పాఠ్యపుస్తకం ప్రకారం ఆంధ్రప్రదేశ్ రాష్ట్రం ఏర్పడిన తర్వాత దాని పరిపాలనా విధానం గురించి క్రింది వాటిలో ఏది సరైనది? ఆంధ్రప్రదేశ్ రాష్ట్రం ఏర్పడిన తర్వాత దాని పరిపాలనా విధానం గురించి క్రింది వాటిలో ఏది సరైనది?
- D కేంద్రం పరిపాలనలో A, B, C, D విభాగాలు ఏర్పడినవి. ప్రతి విభాగం 20 మార్కులు పొందుతుంది.
- పాఠ్యపుస్తకం ప్రకారం, ద్వితీయ భాషగా తెలుగును ఎంచుకున్న అభ్యర్థులు ప్రశ్నలు 3 మరియు 4 ను తెలుగులోనే సమాధానించాలి. ద్వితీయ భాషగా ఇతర భాషను ఎంచుకున్న అభ్యర్థులు ప్రశ్నలు 3 మరియు 4 ను ఆ భాషలోనే సమాధానించాలి.
- ప్రతి ప్రశ్నకు సమాధానం ఇవ్వడానికి ప్రత్యేక సమాధాన పత్రం సరఫరా చేయబడదు. ప్రశ్న పత్రం మరియు సమాధాన పత్రం ఒకే పత్రంలో ఉంటాయి.
- ± రూపొందించిన ప్రశ్నలకు సమాధానాలు ఇవ్వాలి.
- D కేంద్రం పరిపాలనలో ఏర్పడిన A, B, C, D విభాగాలకు ప్రత్యేక సమాధాన పత్రం సరఫరా చేయబడదు.

**(BET – 11)**

QUESTION PAPER CUM ANSWER BOOKLET  
ELIGIBILITY TEST — 2011

Time : Two hours

Max. Marks : 100

Min. Marks for Pass : 35

SECTION A — GENERAL ENGLISH

(20 marks)

1. Read the following passage and answer the questions given below : (5 × 2 = 10)

Bibika Maqbar, not only mimics but also resembles the great Taj Mahal in Agra. Bibika Maqbara, a tomb dedicated to Rabiya Durani, wife of Aurangzeb located in Aurangabad. Ata Allah, Son of Ustad Ahmad architect of the Taj Mahal designed it. Fifteen years separate the two monuments as also the sheen, glamour and perfection. Near Aurangabad is located a small town Khuldabad. In Khuldabad lies the great Mughal king Aurangzeb tomb, in a manner he simple and bare. While Aurangzeb chose Khuldabad for himself because it was religiously important he chose Aurangabad for his wife since it was the royal city. Aurangabad was earlier known as Fathepur and was founded by Malik Amber in 1610. It was renamed as Aurangabad in 1653 – When Aurangzeb was the viceroy of the Deccan and the city served as his capital.

- (a) What resembles the great Taj Mahal in Agra?
- (b) Who is the wife of Aurangzeb?
- (c) Who is the architect of the Taj Mahal?
- (d) Which city called as royal city?

(e) What is the earlier name of Aurangabad?

2. Translate the following passage into Telugu : (10)

Sri Narayana Tirtha was born at the Village Kaza, in the Guntur district of Andhra Pradesh. He lived between 1675 - 1745 A.D. His original name was Talla Vajjhula Gollinda Sastri. He had his initial education with Sri Vasudeva Pandita. In due course of time he renounced the family life and went to Varanasi to be a pupil of Sri Rama Govinda Tirtha.

Sri Narayana Tirtha wrote commentaries like the Sankhya Karika, the Yoga Sutra and the Sankhya Tattva Kaumudi. All his works are in chaste Sanskrit except the Parijatapaharanam, which is a Yaksha Ganam in Telugu. The most popular work of Sri Narayana Tirtha is the Sri Krishna Lila Tarangini. It is based on the 10<sup>th</sup> canto of Srimad Bhagavatam. It is a harmonious blend of devotion, music and dance. He visited many religious places in Andhra including Agiripalle, Srikakulam and Vedadri. He finally settled at Tirupandurti, close to Tanjavur.



4. ReaĒ ĩŝNCĒ ĩ#SS:

(5 ´ 2 = 10)

(a) ~~ĒSĒS VĀSĀ.ĒSĒS~~ \_\_\_\_\_ ~~ĒĒ ĩ°..ĳ..ĳ° ĩSĒSĒ~~

(1) ~~ĳĳĒ.~~

(2) ~~ĳĳĒS~~

(3) ~~DSĒS~~

(4) ~~ĳĳĒS~~

(b) ~~MĀSĒ ĩr ĒĒĒ..sĳ~~ \_\_\_\_\_ ~~°SĒSĒ#ĒĒĒ.~~

(1) ~~ĳĳĒ~~

(2) ~~ĳĳS..ĳ~~

(3) ~~ĳĳĒ~~

(4) ~~ĳĳ..ĳ~~

(c) \_\_\_\_\_ ~~°SĒSĒZ ĩr SĒ ĩĳ... ĳĒSĒĒĒĒS~~

(1) ~~ĳĳS..ĳ~~

(2) ~~ĳĳĒ~~

(3) ~~ĳĳ..ĳ~~

(4) ~~ĳĳĒ~~

(d) ~~ĳĳĳĳĳĳ~~ \_\_\_\_\_ ~~ĳĳĳ..ĳ... ĳĳĳ.~~

(1) ~~ĳĳĳĳ~~

(2) ~~ĳĳĳĳĳĳ~~

(3) ~~ĳĳĳ~~

(4) ~~ĳĳĳĳĳĳ~~

(e) ~~ĳĳĳĳ~~ \_\_\_\_\_ ~~ĳĳĳĳĳĳ~~

(1) ~~ĳĳĳĳĳ~~

(2) ~~»Sĳĳĳ~~

(3) ~~ĳĳĳĳĳĳ~~

(4) ~~ĳĳĳĳĳ~~

HINDI

3. ZrMo {X`o J`o nŝ{°\$`m| H\$mo n<T>H\$a àiZm| H\$m g\_mYmZ  
{b{l`oY&

(5 ´ 2 = 10)

amOm XeaW H\$mogb amÁ` H\$m emgZ H\$aVo Wo, CZHo\$  
am\_, bj\_U, ^aV Amja eìwÜZ Mma nwì Wo& Á`oð> nwì am\_

~S>o namH«\$^r VWm {Zđ>mdmZ Wo& \_hm{f© {dñdm{\_ì  
CZHo\$ Jwé Wo& amOm OZH\$ H\$s nwìr grVm Ho\$ gmW am\_  
H\$m {ddmh hpAm&

(a) amOm XeaW {H\$g amÁ` H\$m emgZ H\$aVo Wo?

(b) CZHo\$ {H\$VZo nwì Wo?

(c) Á`ođ> nwì am\_ H;\$go Wo?

(d) am\_ Ho\$ Jwé H\$m;Z Wo?

(e) am\_ H\$m {ddmh {H\$gHo\$ gmW hpAm?

4. ZrMo {X`o J`o dmŠ`m| H\$m nyaU H\$a|ÿ& (5 ´ 2 = 10)

(a) ĐmjnXr nmÊS>dm| \_\_\_\_\_ nËZr Wr&

- (1) H\$mo (2) H\$m
- (3) Ho\$ (4) H\$s
- (b) {X,,r ^maV \_\_\_\_\_ amOYmZr h\_j&
- (1) Ho\$ (2) H\$s
- (3) H\$mo (4) H\$m
- (c) J\$Jm ZXr H\$m nmZr n{dì \_mZm \_\_\_\_\_ h\_j&
- (1) OmVm (2) OmVr
- (3) OmVo (4) OmZo
- (d) KmoS>m VoO \_\_\_\_\_ h\_j&
- (1) Xm\_jS>Vr (2) XmoS>>Voo
- (3) XmoS>Vm (4) Xm\_jS>oJr
- (e) \_mVm-{nVm \_\_\_\_\_ AmXa H\$amo&
- (1) H\$s (2) Ho\$
- (3) H\$mo (4) H\$m

SECTION C — GENERAL KNOWLEDGE

(20 marks)

(i) INDIAN POLITY — (10 marks)

5. Answer the following questions in the given space : (5 ´ 2 = 10)

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D (M: { ÇÖM° AÑ... ÜJENSİZ FE° SÈS (EÄS)S:

(a) President of India.

çêÄP/ÈÜ†.

(b) Preamble.

çêÄP/ÈÄ. Vç PÖM

(c) Fundamental Rights.

{ çñSüçPÈS

(d) Indian Parliament.

çêÄP' èÄP.r\$



- (e) Telegana Agitation.  
TELE...xê ES...SS

(ii) CURRENT AFFAIRS — (10 marks)

6. Answer the following questions in the given space : (5 ´ 2 = 10)  
D (M: {GEM° AÑ... ÜENSİZ FE° ES...SS:

- (a) Electoral reforms.  
G° M Ü.ÜP...ES

- (b) Political corruption.  
AFT...S...Ñ...†.

(c) Terrorism.  
Terrorism.

(d) Cricket World Cup.  
Cricket World Cup.

(e) Environmental conservation.  
Environmental conservation.

SECTION D — GENERAL APTITUDE

(20 marks)

(i) REASONING — (10 marks)

7. Select the correct answers for the following : (5 × 2 = 10)

D (M: D ° MĪCÄŦÖÜD\* ſē HĪSĒS VĪCĀ. HĪSS:

(a) Find out the pair of words below, which is different from the other pairs

D (M: F HĪZ ŨSW ħē sĪMÄ ħĪCĪ ſē ° VĪCĀ. HĪSS

(1) Leather – Boot

TĪS&°\* r\$

(2) Copper – Flower

ĀW&ĉ#Ä

(3) Wood – Box.

ĪP & ōsĪ

(4) Sheep – Wool

V{Ā&E°²

[ ]

(b) Find out the word which is different from the others

D (M: D\* rĪZ ŨSW ħē sĪMÄ ħĪCĪ D\* r ħ VĪCĀ. HĪSS

(1) Radio

ĀĪÄ\*

(2) Home Theatre

ĪZĪE α Äſr Ā

(3) Cinema

Ü° D\*

(4) Video

ÖĵÄ\*

[ ]

(c) A is the Father of B. But B is not the Son of A. What is their relation

A A ħ D M B M ħ. ſp M° B A ħ D M A M MĪS MĪS D CĀSĪC D SĪÄ

Ü... .. ſĪŨS?

(1) Mother

TĪĪ

(2) Father

TĪ. ſp

(3) Daughter

M ħ SĪS

(4) Uncle

D\* D

[ ]

(d) Find out the next number in the sequence

D A... M Ī M S. İZ ħĪĉ C A... M S VĪCĀ. HĪSS

10, 25, 60

(1) 150

(2) 135

(3) 200

(4) 175

[ ]

(e) The fifth term in the given sequence is

D (M: A 7 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100)

VBG, WCH, XDI, YEJ

- (1) XEG (2) ZKF  
 (3) ZCK (4) ZFK [ ]

(ii) NUMERICAL ABILITY — (10 marks)

8. Select the correct answer for the following : (5 × 2 = 10)

D (M: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100)

(a) A car takes one litre of Petrol to travel a distance of 12 kms. How many litres of Petrol is needed to travel a distance of 240 kms?

JMMS JMMS 12 MS MS: A 240 MS MS<sup>2</sup>  
 ÎrMSZESMI?

- (1) 20 Lts (2) 16 Lts  
 20 ÎrMS 16 ÎrMS  
 (3) 18 Lts (4) 22 Lts  
 18 ÎrMS 22 ÎrMS [ ]

(b) A Father is 80 years old. His Son is 40 years old. Find out the ratio between their ages

JMMS 80 JMMS A 40 JMMS JMMS  
 DC JMMS MS G..P

- (1) 3 : 2 (2) 3 : 1  
 (3) 4 : 3 (4) 2 : 1 [ ]

(c) A train takes 7 hours to travel a distance of 350 kms. What is the speed of the train?

JMMS 7 VerEIZ 350 MS MS: B MSMSG..P

- (1) 50 kmph (2) 80 kmph  
 VerMS 50 MS VerMS 80 MS  
 (3) 70 kmph (4) 60 kmph

Ver 1.70 MS

Ver 1.60 MS

[ ]

- (d) A cow is bought for Rs. 5,000 and sold it for Rs. 6,000. Find the gain percentage

JKB#S 5,000 MS, 6,000 MS ° A SAs ' :... bîe;@TSSS MS-SSS

- (1) 20% (2) 50%  
 (3) 40% (4) 30% [ ]

- (e) A person deposits Rs. 50,000 in a bank for 4 years at a simple rate of interest 20%. The total interest is

JKB#S 50,000 S éESs ü. DPEÈ Mè° MYê é 20 ÔTSS D#0 »Ê.MZ y' êhsEjCn D#z

- (1) 20,000 (2) 30,000  
 (3) 40,000 (4) 25,000 [ ]

SECTION E — SCIENCE

(20 marks)

(i) PHYSICAL SCIENCE — (10 marks)

9. Select the correct answer for the following : (10 ´ 1 = 10)

D (M: E ° MÜCÄSÜD\* sé HSSS VCC/SSS:

- (a) If there were no atmosphere the sky would appear

E TM D#y..ÏÜ. sôBMê..D A.VIZ M PÜS:

- (1) Red (2) Blue  
 G/4 ±È.V  
 (3) Black (4) White  
 HÈV TÈV [ ]

- (b) Identify the ore of aluminium

AE\* ÄS Äs..ÈÀ...pQ° g °2 VCC/SSS

- (1) Galina (2) Cinnabar  
 VI é ÜpêA

- (3) Pyrites  (4) Bauxite

(c) The gas which is abundant in atmosphere?

የትንተናው ዓይነት ለምሳሌ ለአየር ዓይነት?

- (1) Nitrogen  (2) Oxygen   
 (3) Carbondioxide  (4) Sulphurdioxide

(d) Telephone was invented by

የስልጣን ስልጠናው የተገኘው በ?

- (1) A. Graham Bell  (2) Thomas Alya Edison   
 (3) Madam Curie  (4) Robert Hook

(e) The components which are mainly responsible for destruction of Ozone are

የአየር ዓይነት ለምሳሌ ለአየር ዓይነት የሚጠበቅ የሆኑ ነገሮች?

- (1) CFC  (2) DDT   
 (3) CH<sub>4</sub>  (4) NOX

(f) Which of the following is not an oxidizing agent?

የትንተናው ዓይነት ለምሳሌ ለአየር ዓይነት የሚጠበቅ የሆኑ ነገሮች?

- (1) H<sub>2</sub>O<sub>2</sub>  (2) MNO<sub>2</sub>   
 (3) KClO<sub>3</sub>  (4) CaCO<sub>2</sub>

(g) Identify the element which is not radio active

የትንተናው ዓይነት ለምሳሌ ለአየር ዓይነት የሚጠበቅ የሆኑ ነገሮች?

- |                       |                          |         |
|-----------------------|--------------------------|---------|
| (1) Radon<br>Aye TE   | (2) Sodium<br>YupÄs..    |         |
| (3) Thorium<br>bCÄs.. | (4) Uranium<br>ÄCSF Äs.. | [     ] |

(h) Identify the instrument used for measuring earthquakes

ÿ M. e ISMI pē CME<sup>o2</sup> VCC. ISSS

- |                             |                             |         |
|-----------------------------|-----------------------------|---------|
| (1) Suismography<br>ÜYüV ce | (2) Pentagraph<br>õ..sêV ce |         |
| (3) Barometer<br>»êAOSr Ä   | (4) Sextant<br>öMj.sGE      | [     ] |

(i) Electricity is produced due to the flow of

Ösyç EBy.. Eē pNSÄTEÄy ASAD#S..

- |                           |                           |         |
|---------------------------|---------------------------|---------|
| (1) Electrons<br>GEMPE    | (2) Protons<br>{ usê PE   |         |
| (3) Neutrons<br>p* Äsê PE | (4) Positrons<br>' üsê PE | [     ] |

(j) Identify the Scientist who discovered the law of motion

ÄE pÜ\* (E pBNÛPC... pÖÜHFS VCC. ISSS

- |                                  |                                  |         |
|----------------------------------|----------------------------------|---------|
| (1) Issac Newton<br>I YEM p Ä TE | (2) Michael Faraday<br>HSDCE eSp |         |
| (3) New land<br>p* Äe..y         | (4) John Dalton<br>g TyéEte      | [     ] |

(ii) NATURAL SCIENCE — (10 marks)

10. Choose the correct answer for the following : (10 ´ 1 = 10)

D (M. E MÜCÄSOÜD\* sé HSSFS VCC. ISSS:

(a) What is the fastest growing plant?

A† HASS> G VSSIP H?

- |                          |                           |       |
|--------------------------|---------------------------|-------|
| (1) Çasurina<br>ÇÇÖP r S | (2) Eucalyptus<br>Aç* MçÜ |       |
| (3) Bamboo<br>BçS        | (4) Palm tree<br>Tçsÿ r S | [   ] |

(b) Which of the following is a mammal?

- D M: E °İZ ,çççSH ?
- |                 |                |       |
|-----------------|----------------|-------|
| (1) Frog<br>Mçµ | (2) Fish<br>^ç |       |
| (3) Crow<br>MM  | (4) Cat<br>Pİİ | [   ] |

(c) Which of the following animal is used to track smell or scent?

- DÜ çsç OE Vçç. ç Vç Wç f... çç/H ?
- |                |                        |       |
|----------------|------------------------|-------|
| (1) Cat<br>Pİİ | (2) Pig<br>ç...        |       |
| (3) Dog<br>MçP | (4) Dolfin<br>yéÍ r çE | [   ] |

(d) Which of the following is described as a Pachyderm?

- Dç. ççç ç ççç Vç f... ççç ° ç ççç ?
- |                       |                      |       |
|-----------------------|----------------------|-------|
| (1) Horse<br>Vç ççç   | (2) Elephant<br>Hççç |       |
| (3) Crocodile<br>çççİ | (4) Goat<br>çççİ     | [   ] |

(e) Which of the following is not a contagious disease?

- A. r ççç M ççç ?
- |  |                    |       |
|--|--------------------|-------|
| (1) Cardio-vascular disease<br>çççç çççç | (2) AIDS<br>çççççç |       |
| (3) Jaundice<br>Mçççİ                    | (4) SARS<br>Yççç   | [   ] |





(3) Lysosome  
[ ]

(4) Power houses of the cell  
[ ]

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ROUGH WORK