# YASIR ALI CLASSES 

## PRACTICE PAPERS

## 11th ENTRANCE

## Commerce / Humanities

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Q1.Which one of the following is a Kharif crop?
(a) Wheat
(b) Jowar
(c) Gram
(d) Mustard

Q2.Which one of the following is a major coffee producing state in India?
(a) Assam
(b) West Bengal
(c) Karnataka
(d) Maharashtra

Q3.Which one of the following is famous for silk textile industry?
(a) Ahmadabad
(b) Mysore
(c) Surat
(d) Kanpur

Q4. What per cent of global precipitation does India receive?
(a) 4 per cent
(b) 14 per cent
(c) 10 per cent
(d) 15 per cent

Q5. Which of the following latitudinal extent is relevant for the extent of India's area?
(a) $8^{\circ} 41^{\prime} \mathrm{N}-35^{\circ} 7^{\prime} \mathrm{N}$
(b) $8^{\circ} 4^{\prime} \mathrm{N}-37^{\circ} 6^{\prime} \mathrm{N}$
(c) $8^{\circ} 4^{\prime} \mathrm{N}-35^{\circ} 6^{\prime} \mathrm{N}$
(d) $6^{\circ} 45^{\prime} \mathrm{N}-37^{\circ} 6^{\prime} \mathrm{N}$

Q6.Which one of the following is nonconventional source of energy?
(a) Petroleum
(b) Natural gas
(c) Nuclear energy
(d) Coal

Q7. Which one of the following rivers is the right bank tributary of Ganga?
(a) Son
(b) Ghaghra
(c) Gandak
(d) Kosi

Q8.Which one of the following is width of Broad Gauge of Indian Railway track?
(a) 1.576 meters
(b) 1.776 meters
(c) 1.676 meters
(d) 1.456 meters

Q9. Which one of the following soils are well known for their capacity to hold moisture?
(a) Laterite soils
(b) Red \& Yellow soils
(c) Arid soils
(d) Black soils

Q10.Black soil in India is formed by deposition of
(a) Volcanic materials
(b) Sediments
(c) Aeolian material
(d) Moraine

Q11. If the product of two zeroes of polynomial $P(x)=x^{3}-5 x^{2}-2 x+24$ is 12 , then zeroes of the polynomials are
(a) $3,4,-2$
(b) $-4,-3,-4$
(c) $4,3,-3$
(d) 1, 2, 6

Q12. Solution of the pair of equations $\frac{5}{x-1}+\frac{1}{y-2}=2, \frac{6}{x-1}-\frac{3}{y-2}=1$ is
(a) $x=2, y=3$
(b) $x=5, y=4$
(c) $x=5, y=3$
(d) $x=4, y=5$

Q13. The sum of a two digit number and the number obtained by reversing the digits is 66 . If the digits of the number differ by 2 , the numbers are
(a) 24,42
(b) 46,20
(c) 28,46
(d) 12,54
Q14. If $(2+\sqrt{3})$, then $\left(x^{2}+\frac{1}{x^{2}}\right)^{2}=$ ?
(a) 192
(b) 194
(c) 196
(d) 198

Q15. If the points $\mathrm{A}(5, \mathrm{P}), \mathrm{B}(1,5), \mathrm{C}(2,1)$ and $\mathrm{D}(6,2)$ form a square ABCD , then the value of P is equal to
(a) 3
(b) 5
(c) 6
(d) 8

Q16. Two consecutive odd positive integers, sum of whose squares is 290 are
(a) 9,11
(b) $11,-13$
(c) $-11,-13$
(d) 11,13


Q17. If the sum of the first 14 terms of an AP is 1050 and its first term is 10 . The $20^{\text {th }}$ term of the AP will be
(a) 180
(b) 190
(c) 200
(d) 210

Q18. Sides of two similar triangles are in the ratio 4:9. Areas of these triangles are in the ratio
(a) $16: 81$
(b) $81: 16$
(c) $2: 3$
(d) $4: 9$

Q19. In $\triangle \mathrm{ABC}, \angle \mathrm{B}=35^{\circ}, \angle \mathrm{C}=65^{\circ}$ and the bisector AD of $\angle \mathrm{BAC}$ meets BC at D . Then, which of the following is true?
(a) $\mathrm{AD}>\mathrm{BD}>\mathrm{CD}$
(b) $\mathrm{BD}>\mathrm{AD}>\mathrm{CD}$
(c) $\mathrm{AD}>\mathrm{CD}>\mathrm{BD}$
(d) $\mathrm{BD}>\mathrm{CD}>\mathrm{AD}$

Q20. The area of the triangle whose vertices are $(1,-1),(-4,6)$ and $(-3,-5)$ is
(a) 12 square units
(b) 18 square units
(c) 36 square units
(d) 24 square units

Q21. $(\operatorname{cosec} \theta-\sin \theta)(\sec \theta-\cos \theta)(\tan \theta-\cot \theta)$
(a) 0
(b) -1
(c) 1
(d) $\sin e \theta \cos \theta$
22. If $\sec 4 \mathrm{~A}=\operatorname{cosec}\left(\mathrm{A}-20^{\circ}\right)$, where 4 A is an acute angle, value of A is
(a) $22^{\circ}$
(b) $18^{\circ}$
(c) $15^{\circ}$
(d) $20^{\circ}$
Q23. Value of $\frac{2 \tan 30^{\circ}}{1+\tan ^{2} 30^{\circ}}$ equals
(a) $\tan 60^{\circ}$
(b) $\sin 30^{\circ}$
(c) $\cos 60^{\circ}$
(d) $\sin 60^{\circ}$

Q24. The angle of elevation of the top of building from the foot of the tower is $30^{\circ}$ and the angle $\mathbf{C}$ of the top of the tower from the foot of the building is $60^{\circ}$. If the tower is 50 m high, then the height of the building is
(a) $50 / \sqrt{3} \mathrm{~m}$
(b) $50 / \sqrt{2} \mathrm{~m}$
(c) $50 / 3 \mathrm{~m}$
(d) $50 / 3 \sqrt{3} \mathrm{~m}$

Q25. In the figure given, area of segment AYB is

(a) $50 / \sqrt{3} \mathrm{~m}$
(c) $50 / 3 \mathrm{~m}$


Q26. An open metal bucket is in the shape of a frustum of a cone, mounted on a hollow cylindrical base made of the same metallic sheet. The diameters of the two circular ends of the bucket are 45 cm and 25 cm , the total vertical height of the bucket is 40 cm and that of the cylindrical base is 6 cm . The area of metallic sheet used
(a) $4000 \mathrm{~cm}^{2}$
(b) $4860 \mathrm{~cm}^{2}$
(c) $3544 \mathrm{~cm}^{2}$
(d) $1240 \mathrm{~cm}^{2}$

Q27. A cone, hemisphere and a cylinder stand on equal bases and have the same height. The ratio of their volumes is
(a) $1: 2: 3$
(b) $2: 1: 3$
(c) $2: 3: 1$
(d) $3: 2: 1$

Q28. Choose the correct relationship from the following
(a) 3 Median $=$ Mode +3 Mean
(b) 3 Median $=3$ Mode + Mean
(c) 3 Median $=3$ Mode +2 Mean
(d) 3 Median $=$ Mode +2 Mean

Q29. Two dice are thrown. What is the probability that the product of the numbers on them between 7 and 13 ?
(a) $1 / 4$
(b) $5 / 36$
(c) $5 / 18$
(d) $2 / 9$

Q30. A set of numbers consists of four 4's, five 5's, six 6's and nine 9's. Mode is
(a) 4
(b) 5
(c) 6
(d) 9

Q31.The Olympic symbols contain
(a) Four rings
(b) Five rings
(c) Six rings
(d) Seven rings

Q32. Who has become India's first woman to join the International Olympic Committee?
(a) P.T. Usha
(b) Mary Kom
(c) Nita Ambani
(d) Deepika Arora

Q33. Which of the following national parks and sanetuaries is not from the state of Gujarat?
(a) Wild Ass Sanctuary
(b) Gir Forest
(c) Velvadore National Park
(d) Ghana Bird Sanctuary

Q34.Which of the following country is the smaller in area and population both?
(a) Monaco
(b) Tuvalu
(c)Vatican city
(d) Palau

Q35.Government of India has announced a new Committee to expedite the process of transforming India into cashless economy under the chairmanship of
(a) N.S. Vishwanathan
(b) H.R. Khan
(c) Amitabh Kant
(d) Bibek Debroy

Q36.Which Indian state has been declared as the first 'Digital State of India?
(a) Goa
(b) Maharashtra
(c) Kerala
(d) Karnataka

Q37 The Sahitya Academy Award for 2016 for Hindi was given to
(a) Gopaldas Neeraj
(b) Damodar Khadse
(c) Nasira Sharma
(d) Jerry Pinto

Q38.Which of the following book is written by Stephen Hawking?
(a) The Universe in a Nutshell
(b) The Sequence: Inside the Race for the Human Genome
(c) Real Time
(d) Before You Sleep

Q39. The Mid-day meal scheme was launched in
(a) 2000
(b) 1992
(c) 1995
(d) 2001

Q40.Who among the following journalist was nominated to Rajya Sabha by the President recently?
(a) M.J. Akbar
(b) Ramoji Rao
(c) Sudhir Chaudhary
(d) Swapan Das Gupta

Q41. The first battle of Panipat took place in
(a) 1526
(b) 1530
(c) 1564
(d) 1586

Q42. Which of the following lived in Independent India?
(a) Sir Syed Ahmed Khan
(b) Maulana Muhammad Ali Johar
(c) Maulana Shibli Nomani
(d) Maulana Abul Kalam Azad

Q43. The title of the Prophet Muhammad before his Prophet hood
(a) al-Habib
(b) al-Khattab
(c) al-Amin
(d) al-Shafi

Q44. Golconda monuments are situated in
(a) Karnataka.
(b) Tamil Nadu
(c) Maharashtra
(d) Telangana

Q45. Who among the following was named as Zinda Pir or living saint in Mughal India
(a) Humayun
(b) Aurangzeb
(c) Akbar
(d) Jahangir

Q46. A pact was signed between unbeliever of Makkah and Muslims
(a) Treaty of Hudaibiyah
(b) Treaty of Makkah
(c) Treaty of Quraish
(d) Bait-e-Rizwan

Q47. Which of the following scriptures was revealed upon the Prophet Musa?
(a) Zabur
(b) Quran
(c) Injil
(d) Torah

Q48. Migration of the Prophet Muhammad from Makkah to Madinah is known as
(a) Be'sat
(b) Hijrat
(c) Akhirat
(d) Qayamat

Q49. The first successor (Khalifa) of Prophet Muhammad
(a) Hazrat Ali
(b) Hazrat Abu Bakr
(c) Hazrat Umar
(d) Hazrat Zayed

Q50. The place of birth of the Prophet Muhammad is
(a) Madina
(b) Riyadh
(c) Makka
(d) Taif

Q51. The minimum age to contest the Lok Sabha elections is
(a) 30 years
(b) 18 years
(c) 25 years
(d) 35 years

Q52. Which is the new reform introduced in the electoral process by the Election Commissio India?
(a) Indelible ink
(b) Electronic voting machines
(c) Polling booth
(d) Voters list

Q53. Who was the head of the drafting committee in the Constituent Assembly?
(a) Sachidanand Sinha
(b) B.N. Rao
(c) Jawaharlal Nehru
(d) B.R. Ambedkar

Q54. Which among the following is not a part of the permanent executive?
(a) Deputy Minister
(b) Director General of Police
(c) District Magistrate
(d) Secretary in Home Ministry

Q55. 'People should live like brothers and sisters find expression in our constitution in the term
(a) Sovereign
(b) Liberty
(c) Fraternity
(d) Equality

Q56. The protest against water privatization in Bolivia led by FEDECOR was supported by which political party?
(a) Democratic Party
(b) Socialist Party
(c) Liberal Democratic Party
(d) People's Democratic Party

Q57. Backward and Minority Communities Employees Federation (BAMCEF) is an organization largely made of government employees that campaign against
(a) Equal pay for men and women
(b) Caste discrimination
(c) Religious intolerance
(d) Protection of majority community rights

Q58. 'Third Wave' country that won democracy in 1990 was
(a) Belgium
(b) Nepal
(c) Senegal
(d) Bhutan

Q59. If a person who is not a member of either House of Parliament of India is appointed a minister shall cease to be a minister after a period of
(a) 3 months
(b) 5 months

Q60. Which one of the following is the distinguished feature of a federal government?
(a) National government gives some powers to the provincial governments
(b) Power is distributed among the legislature, executive and judiciary
(c) Elected officials exercise supreme power in the government
(d) Government power is divided between different levels of government

Q61. Consider the following two statements on power sharing and select the answers using the codes given below.
I. Power sharing is good for democracy.
II. It helps to reduce the possibility of conflict between social groups.
(a) I is true but II is false
(b) Both I and II are true
(c) Both I and II are false
(d) I is false but II is true

Q62. Which of the following countries is not the permanent member of the Security Council of the United Nations?
(a) China
(b) Germany
(c) USA
(d) Russia

Q63. "Long years ago we made a tryst with destiny and now the time comes when we shall redeem our pledge, not wholly or in full measure, but very substantially." The statement is attributed to
(a) Mahatma Gandhi
(b) Sarojini Naidu
(c) Jawaharlal Nehru
(d) Sir Mountbatten

Q64. Where did India conduct its nuclear tests?
(a) Pokharan
(b) Kalahandi
(c) Sriharikota
(d) Pune

Q65. The report of the States Reorganization Commission (SRC) was implemented on
(a) 26 January 1950
(b) 26 November 1949
(c) 15 August 1947
(d) 1 November 1956

Q66. The quality of population does not depend upon
(a) Literacy rate
(b) Life expectancy
(c) Size of population
(d) Skill formation

Q67. Which of the following is not related to food security?
(a) Availability of food
(b) Accessibility of food
(c) Affordability of food
(d) Varieties of food

Q68. Antyodaya Anna Yojana (AAY) was launched in
(a) 1969
(b) 1975
(c) 1991
(d) 2000

Q69. Which of the causes mentioned below has not contributed to the development of poverty in India?
(a) Policy of the colonial government to ruin traditional handicrafts
(b) High growth rate of population
(c) Low growth of income
(d) Spread of irrigation

Q70. The high yielding varieties (HYVs) of seeds were introduced to the Indian farmers in
(a) Early 1960s
(b) Mid 1960s.
(c) Late 1960 s
(d) Early 1970s

Q71. The Consumer Protection Act (COPRA) was enacted in
(a) 1984
(b) 1986
(c) 1991
(d) 1996

Q72. Which of the following is a formal source of credit?
(a) Moneylenders
(b) Employers
(c) Traders
(d) Banks

Q73. Production of a commodity, mostly through the natural process, is an activity in
(a) Primary sector
(b) Secondary sector
(c) Tertiary sector
(d) Information technology

Q74.Literacy rate is measured as
(a)Proportion of literate population to the total population of a country
(b) Proportion of literate population in the 7 and above age group
(c) Proportion of literate population in the 18 and above age group
(d) Proportion of literate population in the 25 and above age group

Q75.The Right to Information Act (RTI) was enacted in
(a) 2004
(b) 2005
(c) 2009
(d) 2014

Q76. Multinational Corporations (MNCs) are companies that own and control production
(a) in more than one state of the country
(b) in more than one region of the country
(c) in more than one nation
(d) in more than one district of the country

Q77. The economic sectors are classified into public and private sectors on the basis of
(a) Employment conditions
(b) Nature of economic activity
(c) Ownership of enterprises
(d) Number of workers employed in the enterprise
78. Which one of these is an example of renewable resource?
(a) Crude petroleum oil
(b) Natural gas
(c) Ground water
(d) Iron ore

Q79.The average income of a country is also known as
(a) Per capita income
(b) Per capita saving

Q80.The basic function of foreign trade is
(a) To create an opportunity for the producers to reach beyond the domestic markets
(b) To facilitate trade in local markets
(c) To facilitate competition in domestic markets
(d) To facilitate trade in domestic products

Q81.Which two estates enjoyed certain privileges by birth in France?
(a) Clergy and Farmers
(b) Nobility and Peasants
(c) Clergy and Teachers
(d) Clergy and Nobility

Q82. In which year Hitler joined a small group called the German Workers' Party?
(a) 1914
(b) 1919
(c) 1923
(d) 1917

Q83. Which was the ruling dynasty in France, on the eve of French Revolution?
(a) Tudor
(b) Hapsburg
(c) Bourbon
(d) None of these

Q84. In which year, cricket celebrated 100 years of test matches?
(a) 1975
(b) 1977
(c) 1984
(d) 1988

Q85. Who were Jadidists?.
(a) Muslims reformers with the French empire
(b) Muslim reformers with the German empire
(c) Muslim reformers with the Arab countries
(d) Muslim reformers with Russian empire

Q86. In which of the following years civil disobedience movement came to end?
(a) 1932 A.D.
(b) 1934 A.D.
(c) 1936 A.D.
(d) 1940 A.D.

Q87. Who became the head of Oudh Kisan Sabha in 1920?
(a) Baba Ram Chandra
(b) Mahatma Gandhi
(c) Jawaharlal Nehru
(d) M.A. Ansari

Q88. Indian National Congress declared Purna Swaraj at
(a) Karachi
(b) Madras
(c) Delhi
(d) Lahore

Q89. In which of the following years Mahatma Gandhi published 'Hind Swaraj'?.
(a) 1905 A.D.
(b) 1909 A.D.
(c) 1912 A.D.
(d) 1915 A.D.

Q90. Who organised the Dalits into the 'Depressed Classes Association' in 1930?
(a) Annie Besant
(b) M.K. Gandhi
(c) B.R. Ambedkar
(d) Tej Bahadur Sapru

Q91. Who proclaimed himself an 'incarnation of God'?
(a) Alluri Sita Ram Raju
(b) Surya Sen
(c) Mangal Pandey
(d) Kunwar Singh

Q92. Which of the following are referred as Bretton Woods twins?
(a) IM.F., W.T.O.
(b) World Bank, W.T.O.
(c) I.M.F.,World Bank
(d) W.H.O., W.T.O.

Q93. In which of the following language newspaper Jam-i-Jahan Nama was published in 1822?
(a) Urdu
(b) Persian
(c) Arabic
(d) Punjabi

Q94. Who set up the first Indian Jute Mill in Calcutta?
(a) Seth Ram Chand
(b) R.D. Tata
(c) Seth Hukum Chand
(d) Seth Manik Chand

Q95. Who authored "The Bitter Cry of Outcast London"?
(a) Andrew Mearns
(b) Rowlandson
(c) Charles Booth
(d) Ebenzer Howard

Q96. The roads linking state capital with district headquarters are known as
(a) State Highways
(b) National Highways
(c) District Highways
(d) Link Highways

Q97. Which of the following countries developed first HYVS for wheat in world?
(a) Japan
(b) Philippines
(c) Mexico
(d) U.S.A.

Q98. Which of the following is called as footloose industry?
(a) Iron and steel industry
(b) Cotton textile industry
(c) Sugar industry
(d) Petroleum industry

Q99. Which of the following is highest rank of iron ores?
(a) Magnetic
(c) Hematite
(b) Anthracite
(d) Limonite

Q100.Which one of the following cities is located at Tropic of Cancer?
(a) Gandhinagar
(b) Bhopal
(c) Ranchi
(d) Aizwal

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