



Defence Authority **d a**

College of Business **c b**

ADMISSION TEST

SAMPLE

Date: _____

Roll No: _____

Test Score

Name of Candidate: _____

Father's Name: _____

Marks:

English	General Knowledge	Intelligence	Mathematics	Essay
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Checked by: _____
Name Signature

INSTRUCTIONS

This test comprises of five sections.

Section	Subject	Time Allowed	Questions and Marks
A	English	25 minutes	30
B	General Knowledge	10 minutes	15
C	Intelligence	15 minutes	15
D	Mathematics	20 minutes	20
E	Essay Writing	20 minutes	20
		90 minutes	100

1. Attempt all questions in each section.
2. Do not write or mark on the question paper.
3. Give answers by shading the appropriate cell in the answer sheet for the respective question under each section.
4. Overwriting and/or ticking more than one answer to a question is not acceptable.
5. Calculator, cell phone, stationery and other items are not allowed.
6. Separate sheet are attached for rough work.

SECTION-A1: ENGLISH (VOCABULARY & GRAMMAR)

Time: 10 minutes

Color the chosen option with a pencil in your answer sheet. You must not mark or write any thing in the test booklet, except the last page which is for rough work. **Failure to follow instructions may disqualify you.**

Each of the following bold words has four options. Choose the option that is nearly synonymous to the bold word.

1) Encroach

- a) severity
- b) acting as a dictator
- c) having an affable manner; carefree
- d) to trespass or intrude

2) Potent

- a) brag; glory over
- b) a gentle wind; breeze
- c) having great power or physical strength
- d) moral corruption; badness

3) Frenetic

- a) unrest; agitation
- b) thrift; economical use or expenditure
- c) frenzied
- d) to grow together

4) Neologism

- a) to soak or stain; permeate
- b) not clear; uncertain
- c) giving a new meaning to an old word
- d) to agree without protest

5) Tepid

- a) having the composition of wood
- b) unnecessary; extra
- c) of a strange nature; weird
- d) lacking warmth, interest, enthusiasm; lukewarm

6) Hamper

- a) interfere with; hinder
- b) plausible, but deceptive; apparently, but not actually, true
- c) having to do with shepherds or the country
- d) to make new; renovate

7) Discerning

- a) to show sympathy for
- b) having great power or physical strength
- c) to characterize or make as disgraceful
- d) distinguishing one thing from another; having good judgment

8) Deity

- a) a God
- b) a ludicrous and complete failure
- c) extravagantly romantic or idealistic; highly impractical
- d) evenness of temper or mind

9) Retrieve

- a) to make good; to recover
- b) sentimental to the point of tears
- c) entertaining
- d) inclined, through some whim or fancy change the mind, purpose, or actions suddenly

10) Dearth

- a) scarcity
- b) to punish or criticize severely
- c) to cause, produce, or stir up
- d) habitually fond of associating in a company or herd

11) Integrity

- a) honesty, moral soundness
- b) liable to make mistakes or be deceived
- c) possessing similar interests and tastes; able to get on well with others
- d) very heavy; clumsy

12) Mettle

- a) sentimental to the point of tears
- b) a persistent feeling, idea, activity, etc., which dominates a person; the state of being exclusively preoccupied by a fixed idea
- c) to be sorry for
- d) disposition; spirit

13) Predatory

- a) inclined to plunder or rob; preying on, others
- b) an assumption made for the sake of argument
- c) confused, unintelligible, meaningless talk; special vocabulary used only by members of a group or trade
- d) outstandingly bad

14) Dissent

- a) partiality or preference for; a favorable opinion arrived at beforehand
- b) to disagree; to differ in opinion
- c) to banish or exile; to withdraw from one's country
- d) a relation between two things shown in the resemblance not of the things themselves but of their characteristics

15) Acuity

- a) sharpness
- b) spread throughout
- c) kinship
- d) poverty, misfortune

Chose the option that you think will correctly fill in the blank space. Write answer on your answer sheet. Please do not write anything in the blank space on the test booklet.

16) Are the boys still swimming _____ the pool?

- a) in
- b) into
- c) on
- d) to

17) The plane landed _____ the runway

- a) in
- b) into
- c) on
- d) to

18) The whole army is out of step _____ Fred.

- a) except
- b) into
- c) accept
- d) to

19) I'll _____ no money from that cheapskate.

- a) except
- b) into
- c) accept
- d) to

20) Television has a strong _____ on public opinion.

- a) except
- b) affect
- c) accept
- d) effect

SECTION A2: ENGLISH (COMPREHENSION)

Time: 15 minutes

Instructions: Read the passage given below and answer the questions given at the end.

Snapshot of Implementation of Trade Policy Initiatives of the Last Four Years 2003-4 to 2006-07

During the past four years, the government announced and implemented the following important initiatives which have underpinned our export strategy over these years. Let me touch upon some of these initiatives briefly.

For reducing cost of doing business

- Long Term Financing of Export Oriented Projects (LTF-EOP): This scheme was announced by the State Bank of Pakistan at the initiative of the Ministry of Commerce. It provides concessionary long-term project finance to export oriented enterprises since May 2004 for import of machinery for various projects. The interest rate is around 7.5%, repayable in 7 years, against the normal rate of 12–13%. So far an amount of Rs.49 billion has been disbursed under this scheme, of which, Rs.34 billion have been disbursed under a debt swap arrangement; while Rs.15 billion has been disbursed as loan for import of machinery.
- Relocation of Industries: The government shares 50% of the cost for relocation of export oriented industry to Pakistan. This includes freight expenditure, machinery/equipment transfer cost, wharfage and handling costs, inland transport, offloading, insurance, and agency charges.
- Freight Subsidy: Considering the high freight costs from our ports to export destinations, it was decided to share some of the burden with exporters. This scheme provides 25% freight subsidy for designated products and countries.
- Inland Freight Subsidy: To encourage export of finished products of furniture, granite and marble from far flung areas of Pakistan, subsidy @ 25% of inland freight on these items was allowed provided the factories were located beyond 250 km from exporting sea ports.
- Sales Tax Facilitation for Export Sectors: The sales tax regime has been eliminated for the entire textile chain, and for leather products, surgical goods, carpets, and sports goods. Sales tax on textile machinery and on most raw materials, intermediaries and finished goods has been zero-rated.
- Research and Development (R&D): Anticipating the challenges to the garment and home textile sectors in the post-quota period, the government introduced a special textile garments package on the recommendation of the Ministry of Commerce in the shape of Research and Development (R&D) Support at 6%. This support has helped the textile garments sector to survive and sustain itself, prevent potential export losses of

millions of dollars, and retain jobs in the sector. A similar support has now been extended to the home textiles sector in 2006-07. This support will continue in 2007-08. Leather footwear is also provided R&D support at 6%. Till 31st May 2007, Rs.18.434 billion have been disbursed via this scheme out of which Rs.14.286 billion have been paid to the garment sector, Rs.4 billion to home textiles, and Rs.147 million to leather footwear.

For marketing and business facilitation

- Expo Pakistan: Pakistan has a wide range of quality products which can find markets globally. To show-case these products, Expo Pakistan, a mega event, is held biannually at Expo Centre in Karachi since 2005. A similar expo centre is now nearing completion in Lahore and centers are planned for Islamabad, Peshawar and Quetta.
- Retail Sale Outlets: Under this scheme, Pakistani companies with their own brands wishing to open their own retail outlets abroad are provided financial support.
- Encouraging Women Entrepreneurs: Women participation in international exhibitions and exploratory delegations is now fully funded by TDAP.

For sectoral development

- Industrial Clusters: TDAP is executing the Industrial Cluster Development Programme in collaboration with UNIDO. Clusters are being developed for gems & jewellery, leather, garments, fans, and cutlery.
- Facilitating Export of Pharmaceutical Products: Financial assistance up to 50% is being provided to pharmaceutical companies for registration of their products in foreign countries for export. This scheme also covers registration/certification with FDA of USA. Under this scheme, 62 products have been registered abroad, while others are under process. In addition, pharmaceutical exporters to a country with duly registered products are also provided facility of hiring 3-medical representative for a period of 2 years.

Answer the following questions from the passage given above. You may refer back to the passage.

21) The LTF-EOP is announced by the

- a. Ministry of Finance
- b. State Bank of Pakistan
- c. Ministry of Commerce
- d. Government of Pakistan

22) Financial assistance is provided to pharmaceutical companies when they

- a. develop a new product
- b. launch a new product
- c. register a new product in the foreign country for exports
- d. hire a medical doctor

- 23) **An inland freight subsidy is provided to companies who**
- export goods
 - companies who manufactures goods
 - factories which are located 250 kms beyond the sea port
 - companies who register goods with the government
- 24) **Rs.18.434 billion have been disbursed via this scheme out of which Rs.14.286 billion have been paid to the garment sector, Rs.4 billion to home textiles, and Rs.147 million to leather footwear.**
- till May 31, 2007
 - till May 31, 2008
 - till March 31, 2007
 - till May 31, 2006
- 25) **The LTF-EOP has announced**
- The interest rate around 7.0%, repayable in 7 years, against the normal rate of 12–13%.
 - The interest rate around 7.5%, repayable in 7.5 years against a normal rate of 12-13%
 - The interest rate around 7.5% , repayable in 7 years, against the normal interest rate of 12.5-13%
 - The interest rate around 7.5%, repayable in 7 years, against the normal rate of 12–13%.
- 26) **Women participation in international exhibitions and exploratory delegations is now fully funded by**
- TADP
 - TPAD
 - APDA
 - TDAP
- 27) **The government shares 50% of the cost for relocation of export oriented industry to Pakistan. This includes**
- Freight expenditure, machinery/equipment transfer cost, wharfage and handling costs, inland transport and agency charges.
 - Freight expenditure, machinery/equipment transfer cost, wharfage and handling costs, offloading, insurance, and agency charges.
 - Freight expenditure, machinery/equipment transfer cost, handling costs, inland transport, offloading, insurance, and agency charges.
 - Freight expenditure, machinery/equipment transfer cost, wharfage and handling costs, inland transport, offloading, insurance, and agency charges.

28) The government announced and implemented the above given important initiatives which have underpinned our export strategy over

- a. Four years
- b. Three years
- c. Two years
- d. Four and a half years

29) Expo Pakistan is held

- a. once a year
- b. once every two years
- c. after every two years
- d. twice a year

30) Industrial Cluster Programme is set up with the help of

- a. TDAP
- b. UNIDO
- c. FDA
- d. TADP

DACB ADMISSION TEST (SAMPLE)

SECTION-B: GENERAL KNOWLEDGE

Time: 10 minutes

1. The countries having common borders with Pakistan are:
 - a. Dubai, India, China and Iran.
 - b. China, Afghanistan, Iran and India.
 - c. Iran, China, Afghanistan and Nepal.
 - d. China, Russia, India and Iran.
2. Nuclear explosion was conducted by Pakistan on:
 - a. 28th September 1999.
 - b. 28th May 1999.
 - c. 28th May 1998.
 - d. 24th May 1997.
4. The land of prophets is:
 - a. Iran
 - b. Egypt
 - c. Palestine
 - d. Kingdom of Saudi Arabia
5. Pakistan's population is around:
 - a. 20 million
 - b. 160 million
 - c. 1 billion
 - d. 16 million
6. Current price of petrol is around:
 - a. Rs. 50 per liter
 - b. Rs. 76 per liter
 - c. Rs. 75 per liter
 - d. Rs. 67 per liter
7. Who was the previous president of Pakistan?
 - a. General Pervaiz Musharaf
 - b. Rafiq Ahmad Tarar
 - c. Nawaz Sharif
 - d. General Ziaul Haq
8. Which of the following is correct?
 - a. Earth moves around the sun
 - b. Sun moves around the earth
 - c. Moon moves around the sun
 - d. Earth moves around the moon
9. The Eurocup Football has been won by:
 - a. Spain
 - b. Germany
 - c. France
 - d. Pakistan

10. Why is the sound of thunder heard after the lighting is seen?

- a. Our sense of seeing responds first
- b. Sound is checked by dust particles in the air
- c. Light travels faster than sound
- d. Ears are more active than eyes

11. AIDS stands for:

- a. Auto Immune Deficiency Syndrome
- b. American International Development Society
- c. Asian Institute of Dermatological Scientists
- d. Anti Immune Disease Syndrome

12. Which of the blood groups is a universal recipient?

- a. A
- b. B
- c. AB
- d. O

13. Who is the Prime Minister of Pakistan?

- a. Asif Ali Zardari
- b. Mian Nawaz Sharif
- c. Syed Yousuf Raza Gilani
- d. Pervaiz Musharaf

14. Albert Einstein was a Nobel laureate for his work in:

- a. Biology
- b. Chemistry
- c. Mathematics
- d. Physics

15. Relationship between profit, revenue and cost is:

- a. $R=P-C$
- b. $P=R-C$
- c. $P=C-R$
- d. $C=P-R$

SECTION-C: INTELLIGENCE

Time: 15 minutes

1. Time is to watch as pressure is to
 - a. Hydrometer
 - b. Lactometer
 - c. Barometer
 - d. Thermometer

2. If EARLY stands for 3 2 5 6 7 than YEAR will mean
 - a. 3725
 - b. 7325
 - c. 3752
 - d. 3257

3. Make a word from PLOWSHARE. Chose from the following
 - a. Sheer
 - b. Shower
 - c. Lowest
 - d. Plywood

4. Find the odd-man-out
 - a. Ant
 - b. Spider
 - c. Bee
 - d. Moth

5. What is aquapura?
 - a. Pure water
 - b. Supporters
 - c. Magic Water
 - d. Aab-e-Hayat

6. The 7th of a month falls two days after Wednesday, what day of the week will precede the 19th of that month?
 - a. Wednesday
 - b. Tuesday
 - c. Thursday
 - d. Saturday

7. TRUE is to FALSE as VIRTUE is to:
 - a. Honesty
 - b. Falsehood
 - c. Good
 - d. Vice

8. Find the value of x and y in the following table:

3	2	4
4	X	2
Y	4	3

- a. 2, 3
- b. 3, 2
- c. 4, 1
- d. 2, 4

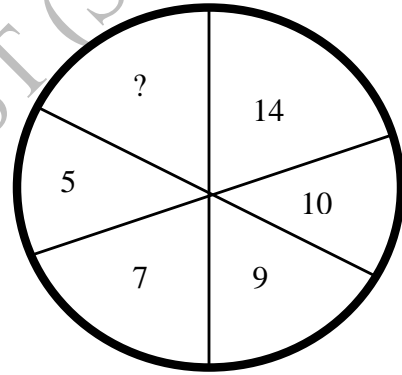
9. Insert the missing number.

8	5	2
4	2	0
9	6	?

- a. 5
- b. 3
- c. 7
- d. 9

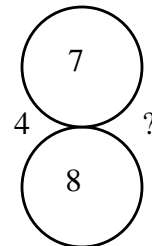
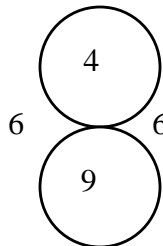
10. Insert the missing numbers.

- a. 16
- b. 18
- c. 14
- d. 20



11. Insert the missing number:

- a. 6
- b. 14
- c. 21
- d. 28



12. Four masons can build a wall 4 feet high in 4 hours. How many feet high wall can one mason build in one hour?

- a. 1ft.
- b. $\frac{1}{4}$ ft.
- c. 4 ft.
- d. 3 ft

13. You are sixth in a queue from either end. How many are there in the queue?

- a. 11
- b. 9
- c. 7
- d. 13

14. Lahore is famous because:

- a. It is a very neat city
- b. Many foreigners live in the city
- c. The governor lives in it.
- d. It is the capital of Punjab

15. Women are _____ shorter than their husbands.

- a. much
- b. always
- c. usually
- d. rarely

SECTION D: MATHEMATICS

Time: 20 minutes

- 1 What is the sum of four integers whose average is 11?
 - a. 36
 - b. 38
 - c. 40
 - d. 44

- 2 Find the number of apples, 12% of which are equal to 132.
 - a. 1150
 - b. 1155
 - c. 1100
 - d. 1120

- 3 What is 45% of $\frac{7}{12}$ of 240?
 - a. 63
 - b. 90
 - c. 108
 - d. 140

- 4 If rain is falling at a rate of 2 inches per hour, how many inches will fall in 12 minutes?
 - a. $\frac{1}{360}$
 - b. $\frac{2}{5}$
 - c. $2\frac{1}{2}$
 - d. 5

- 5 A French class has 12 boys and 18 girls. What fraction of the class are boys?
 - a. $\frac{2}{5}$
 - b. $\frac{3}{5}$
 - c. $\frac{2}{3}$
 - d. $\frac{3}{4}$

- 6 $\frac{1}{4}$ is the average (arithmetic mean) of $\frac{1}{5}$ and what number?
 - a. $\frac{1}{20}$
 - b. $\frac{3}{10}$
 - c. $\frac{1}{3}$
 - d. $\frac{9}{20}$

- 7 Of the following, which is greater than $\frac{1}{2}$?
 - a. $\frac{2}{5}$
 - b. $\frac{4}{7}$
 - c. $\frac{4}{9}$
 - d. $\frac{5}{11}$
 - e. $\frac{6}{13}$

- 8 $(19 - 18 - 16) - (20 - 19 - 18 - 17) =$
a. -36
b. -6
c. -4
d. 2
- 9 If $3x - 2 = 7$ then $4x =$
a. 3
b. 5
c. $20/3$
d. 12
- 10 $3 \times 2/3 =$
a. $1/2$
b. 1
c. 3
d. 6
- 11 If $(4 + 5/2) + (2 + 1/2) = y$, then the value of y will be:
a. $7/2$
b. 18
c. $7/4$
d. 9
- 12 Of the following which is most nearly equal to $2/3$?
a. $3/4$
b. $15/21$
c. $5/6$
d. $11/15$
- 13 Select the correct answer for:
 $2/7 + 3/7 (9/3 + 4/3)$
a. $15/7$
b. $6 \frac{5}{21}$
c. $3 \frac{7}{21}$
d. $3/17$
- 14 If $x^2 - y^2 = 15$ and $x + y = 3$ then $x - y$ is:
a. -3
b. 5
c. 3
d. 0
- 15 if $x = 3a + 7$ and $y = 9a^2$, what is y in term of x
a. $3(x - 7)^2$
b. $(x - 7)^2$
c. $\frac{(x - 7)^2}{3}$
d. $\frac{(x + 7)^2}{3}$

16 The value of x will be:
 $\sqrt{8} + 2\sqrt{2} = x$

- a. $4\sqrt{2}$
- b. $\sqrt{2}$
- c. $5\sqrt{2}$
- d. $2\sqrt{2}$

17 Insert the missing number

2	6
54	18

?	9
81	27

- a. 5
- b. 7
- c. 3
- d. 9

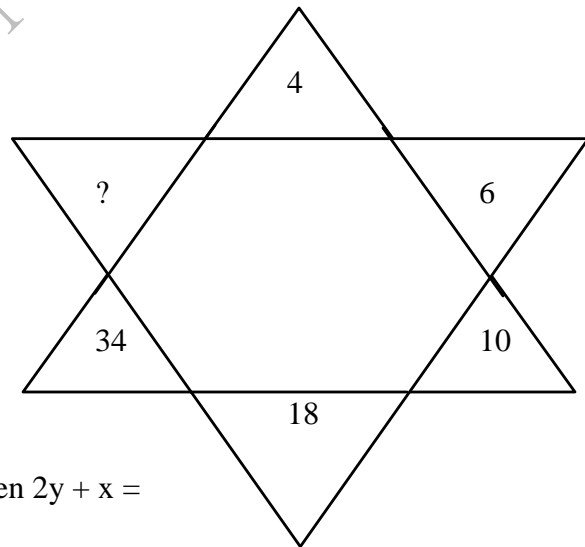
18 Insert the missing number:

341	(250)	466
282	()	398

- a. 232
- b. 284
- c. 322
- d. 342

19 Insert the missing number:

- a. 68
- b. 70
- c. 66
- d. 64



20. If $2x - 4y = -2$ and $3x - 2y = 3$, then $2y + x =$

- a. $\frac{3}{2}$
- b. 2
- c. $3\frac{1}{2}$
- d. 5

SECTION D: ESSAY WRITING

Time: 20 minutes

Write an essay of about 200 words on “**Why do I want to study at Defence Authority College of Business?**”

DACB ADMISSION TEST (SAMPLE)

SAMPLE ANSWER SHEET

NAME: _____

SEAT NO: _____

DATE: _____

TOTAL SCORE: _____

S.No.	A				B				C					D			
	a	b	c	d	a	b	c	d	a	b	c	d	e	a	b	c	d
	English				Gen. Knowledge				Intelligence					Mathematics			
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Total _____

Rough Work

DACB ADMISSION TEST (SAMPLE)