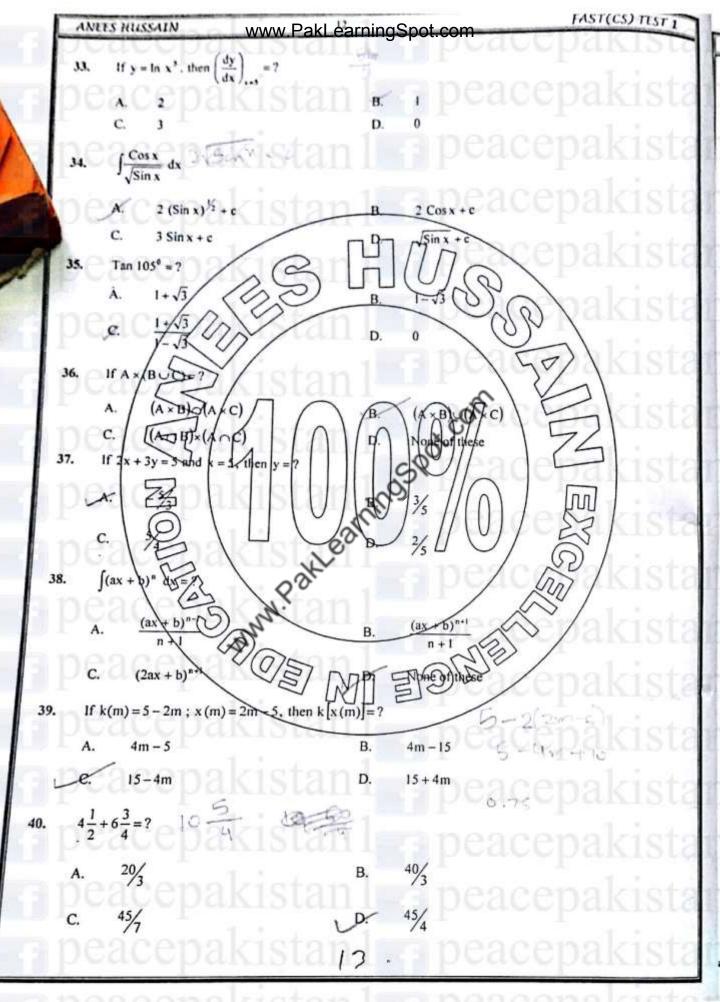
NU-FAST CS & ENGG PAST PAPERS

Part-1



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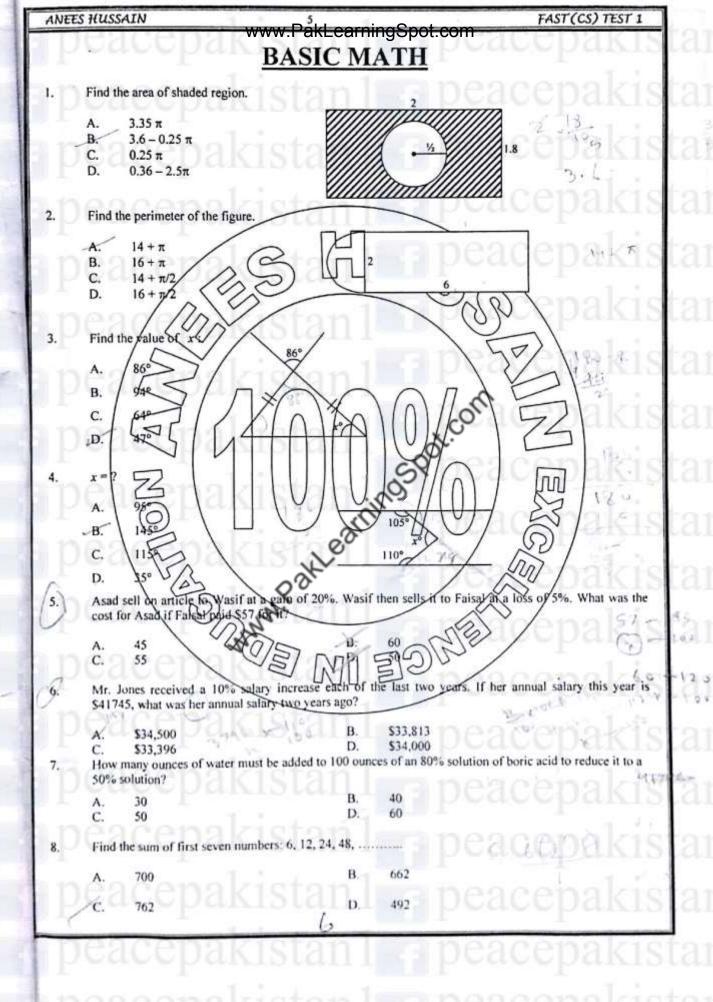
FUDENT'S NAME DATED:

ENGLISH		ANALYTICAL SKILLS AND LQ		BA	BASIC MATH		ADVANCED MATHEMATICS	
1	С	1 1	В	1	В	100	В	
2	8	2	8	2	8	2	В	
3	D	3	В	3	D	3	C	
4	С	4	A	4	В	4		
5	С	5	В	5	D		В	
6	A	6	C	6		5	D	
7	A	7	В	7	A	6	D	
8	С	8	A	8	D	7	В	
9	В	9	C	9	C	8	D	
10	D	10	D	_	B	9	A	
10		11	C	10	С	10	D	
-		12		11	В	11	D	
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\rightarrow		15	В	15	C	15	В	
50		16	С	16	D	16	С	
7	170	17	В	17	С	170	A	
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FAST (CS) TEST 1

60°

900

- 30°

- Zero
- The sum of 6 consecutive odd numbers exceeds twice the largest number by 22. Then the

- 27.

3:2

- hee angle of a triangle is

- 360°

180°

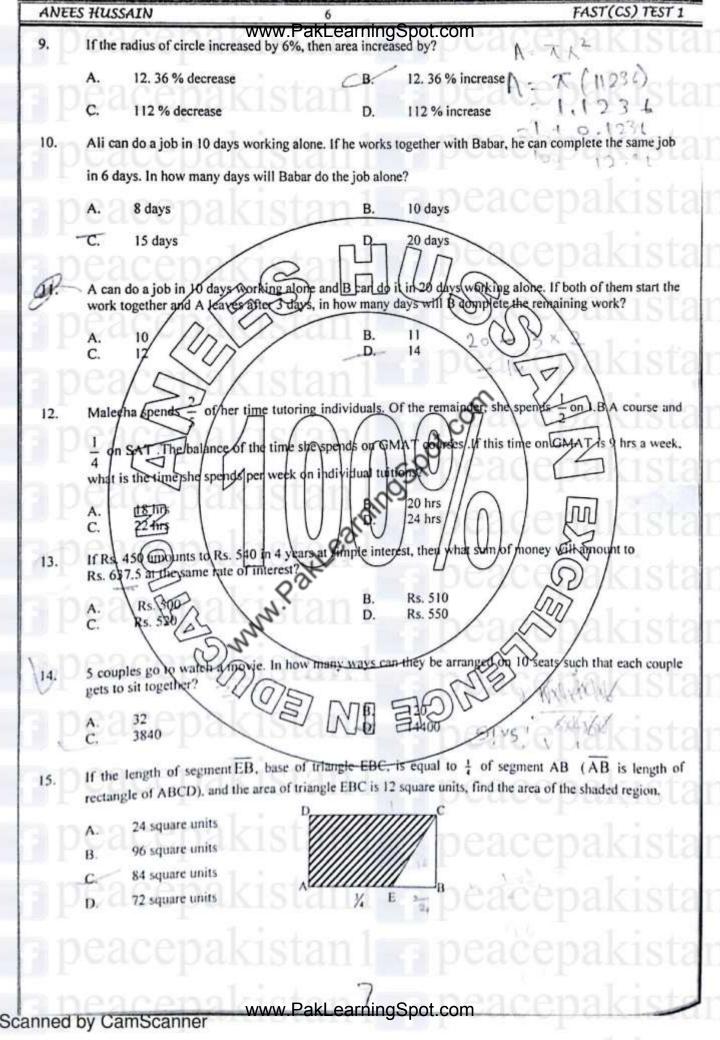
3 ABCO

- 30.

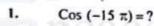
If $2 - Sec^2 2x = \frac{Sec^2 2x}{2}$, then x = ?

31.

- If $y = e^{3x} + 2x + 1$, then $\frac{dy}{dx} = ?$ 32.



ADVANCED MATHEMATICS



C.

Which is closest point to the focus of parabola?

A. End pt of L.R

B. Focus None of these The equation x

The foci of the ellipse which is along x-axis and

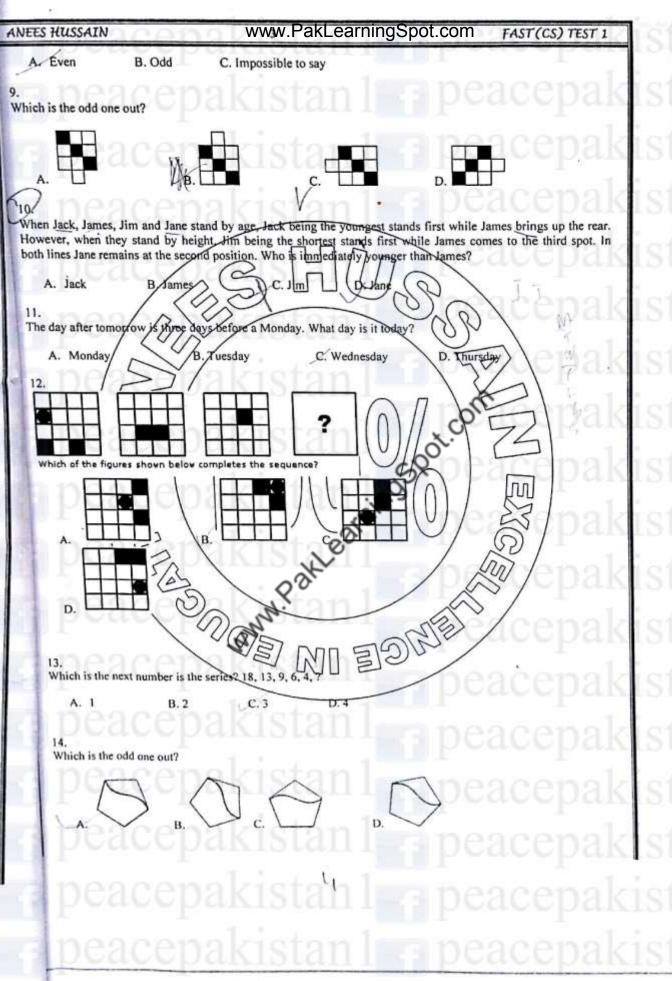
(± a,0)

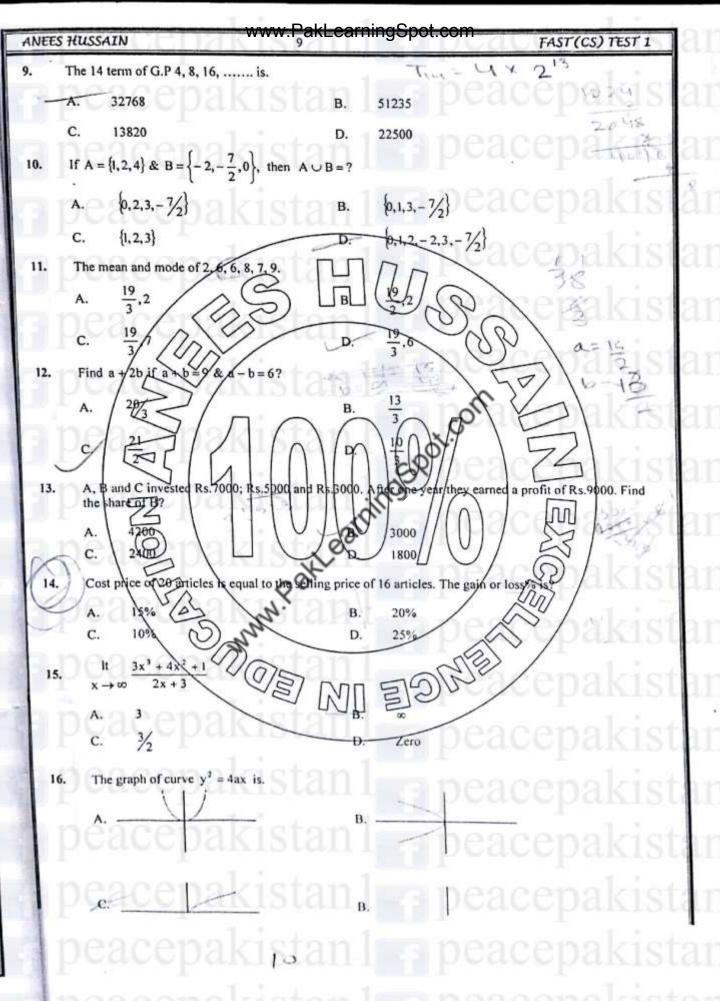
(± c,0)

(0, ± c)

Sin x Cos x dx

ANEES HUSSAIN FAST (CS) TEST 1 In the Figure, if ∠AOB = 90° and O is the centre of the circle with radius = 6, then the area of the shaded 16. region is: C. 18-9x-0 $9\pi - 18$ D. Asif invests a \$45000 at 10% compound interest. After x years, he withdraws the total amount which is 17. equivalent to \$59895. What is the value of x? A shopkeeper buys coffee A at 3 10 per kg and coffee B at 3 10 per kg. He mixes them together and the mixture costs him \$ 65 per kg. What is the ratio of coffee A to coffee B in the flix jure? 1:6 C. 40% of the boys 70% of the girls in a class attend a picnic and ratio of boys to bis in the class is 3:2 if the 19. no on the picnic was 26. How many are there in the whole class, A man buys a cadio for Bs. 70 after receiving a discount of 20.





ENGLISH

Direction: - Question 1-2: In each question a word is given. Beneath the word are four lettered words or phrases. Choose the word or phrase that is closest in meaning to the given word

1.	Incentive Company of the Company of									
	A. Objective B. Goad C. Stimulation D.	Beginning								
2.	Inconsequential									
	A. Disorderly B Insignificant C. Subsequent D.	Insufficient								
3.	Point out the word with incorrect epelling.	1 1								
	A. Iniquitous Conspicuous CL Egrégious D.	Mischievious								
4.	The one who hates women is called a) \								
Disco	A. M/sogynist/B. Philogynist C. Philistine Q.	Acrophobe								
Direc	rections: In question 5-6. Each of the following sentences has a blank. From the choose the phrase or word that best completes the sentence	anoices given below								
5.	Moby Dick is a mythical account of evil and revenge as shown by Cabillain Ahab' had wounded earlier in life. A. He B. His G. Him D. To him	5								
6.	Since the earth's crust is much thicker under the continents equipment have to through 100,000 feet of rocks to investigate the mantle. A. Beneath them B. Beneath/their Q. Beneath/its D.	be capable of drilling								
	The basic fiber-optic system is called a therscope, which consists of two the illuminating bundle, carties light to the tissues. It is coupled to a high-intensity the cores of the high-purity silicon glass and travels along the fibers. A lens at the transmits only a tiny fraction of the total image. The reconstructed image can be eyepiede or displayed on a television screen. During the last five years, improved optical fibers have led to a reduction in fiberscope diameter and an increase in the	v light-source/Light enters e end of the bundle viewed-through an vineyhods of fabricating								
7.	According to the passage, what is the purpose of the illuminating bundle in a fibe	records?								
	A. To carry light into the body B. To collect and focus light C. To reconstruct images D. To perform surgery insig	nt /								
8.	According to the passage, how do the riberscope used today differ from those us	ed five years ago?								
	A They use brighter lights B. They are longer D. They are large in the contain more fibers.									
	Fill the blanks with the correct verb.									
9.	The boy home after school. A. Hurry B. Hurries C. Hurriedly D.	Is hurry								
	Write the correct negative sentence									
10.	He lit the fire at 6.00									
	A He does not light the fire at 6.00 B. He do not light the fire at 6.00 B. He did not light the fire at 6.00 D. He did not light the fire at 6.00 D.									

