(OBJECTIVE TYPE QUESTIONS)

Directions: Mark (✓) against the correct answer:

- 1. A car moves at the speed of 80 km/hr. What is the speed of the car in metres per second? (Hotel Management, 2002)
 - (a) 8 m/sec (b) $20\frac{1}{\alpha}$ m/sec (c) $22\frac{2}{\alpha}$ m/sec (d) None of these
 - 2. An athlete runs 200 metres race in 24 seconds. His speed is:

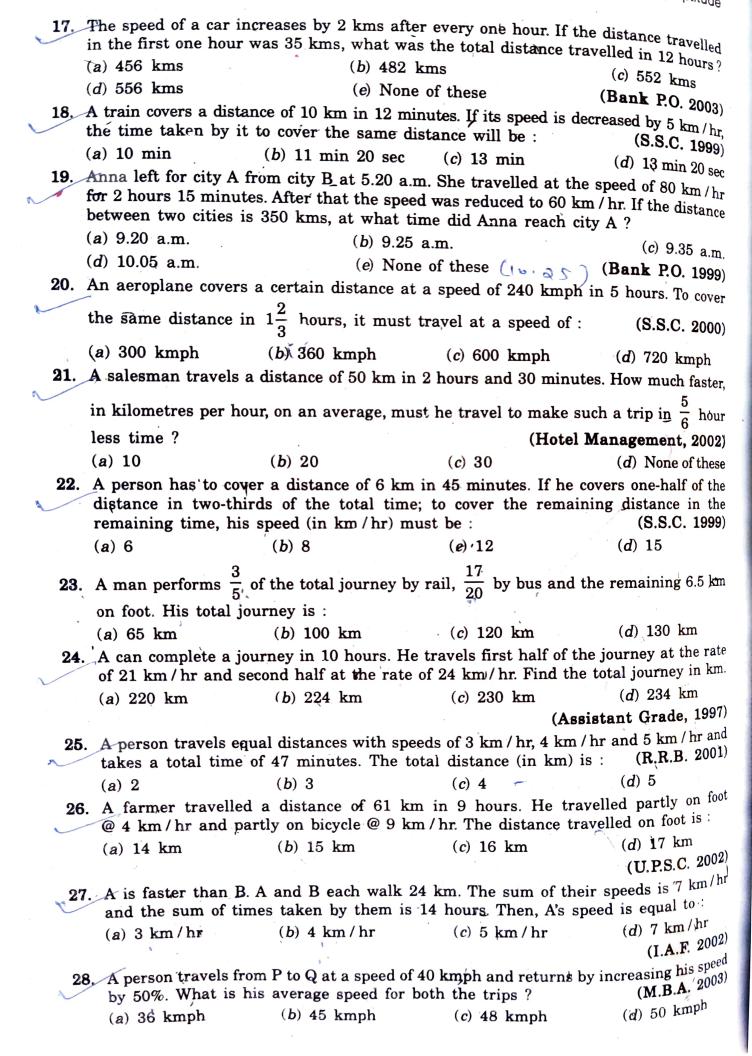
 (a) 20 km/hr

 (b) 24 km/hr

 (c) 28.5 km/hr

 (d) 30 km/hr

. 3	Which of the following	ng trains is	the fastest	?	
	(a) 25 m/sec	(b) 1500 y	n/min	(-) 00 1 (1	(d) None of these
4.		o minoria an	eet in 5 mir	nutes. What is his s	peed in km per hour?
	(a) 5.0	(b) 7.2		(c) 8.4	(d) 10
5.	A man walking at the	note of Fil			(R.R.B. 2003)
	A man walking at the the bridge (in metres	s) is :	m/hr cross	es a bridge in 15 m	inutes. The length of
	(a) 600	(b) 750		9.5	(B.B.C. 2000)
6.	How long will a boy the rate of 9 km/hr	ake to run	round a sou	are field of side 35	motros if he mine et
	the rate of 9 km/hr				
7	(a) 50 sec	(b) 52 sec		(c) 54 sec	
<i>'</i>	A car is running at a (a) 45 metres	speed of 10	$8 \text{ kmph. } \mathbf{W}$	hat distance will it	cover in 15 seconds?
	(d) Cannot be determ		(b) 55 met	cres	(c) 450 metres
	(d) Cannot be determ	nned	(e) None o	f these	(R.B.I. 2003)
8.	One of the two buses	completes	a journey o	f 300 km in 7 ¹ h	1.0
	journey of 450 km in (a) 2:3	9 hours. Th	e ratio of th	$\frac{1}{2} \sin x = \frac{1}{2}$	ours and the other a
	(a) 2 : 3	$(b) \ 3:4$	o radio of th	(c) 4:5	is: (R.R.B. 2001)
9.	A truck covers a dista of 33 kms in 45 min	ince of 550 i	metres in 1	minute whereas a l	(d) 8:9
	of 33 kms in 45 min (a) 3:4	utes. The ra	tio of their	speeds is:	Ous covers a distance
10		\D) 4 · 3		() 0 =	(S.S.C. 2004) (d) 50 : 3
10.	The ratio between the in 4 hours, then the	speeds of t	wo trains is		
	in 4 hours, then the (a) 70 km/hr	speed of the	first train	is:	(I.M.T. 2002)
		(0) 1111	, 111	(c) 84 km/hr	(d) 875 km /h-
11.	A train travels at an	average of 5	0 miles per	hour for 2 hours	
		-	1	$\frac{10011}{2}$ nours	and then travels at
	a speed of 70 miles pe	er hour for 1	$\frac{1}{2}$ hours. H	low far did the train	travel in the entire
10	(a) 120 miles	(b) 150 m	iles	(c) 200 miles	4
12.	A man in a train noticare known to be 50 m	ces that he	can count 2	1 telephone posts in	one minute. If they
	are known to be 50 n (a) 55 km/hr	apart	, wiell at w	nat speed is the tra	ain travelling?
13.	(a) OO KIII / III	(0) or km	nr	(c) 60 km /hm	(T) 00 1
	Sound is said to trav	ei in air at	about 1100	feet per second. A	man hears the axe
	striking the tree, $\frac{11}{5}$	seconds afte	r he sees it	strike the tree. How	far is the man from
	the wood chopper?				
	(a) 2197 ft	(b) 2420 ft	,	(c) 2500 ft	(M.B.A. 2002) (d) 2629 ft
14.	An express train trave	elled at an a	verage spee	ed of 100 km/hr sto	nning for 9
	atter every 75 km. H	ow long did	it take to	reach its destination	n 600 km from the
	starting point?				(M.A.T. 2003)
	(a) 6 hrs 21 min	(b) 6 hrs 2	4 min	(c) 6 hrs 27 min	(d) 6 hrs 30 min
-0,	A certain distance is c distance in double the	overea by a	cyclist at a	certain speed. If a journey	gger covers half the
	is :	unic, one i	allo of the s	speed of the Jogger t	o that of the cyclist
	(a) 1:2	$(b) \ 2 : 1$		(c) 1:4	$(d) \ 4 : 1$
16.	A motor car starts with	th the speed	l of 70 km/	hr with its speed in	acreasing every two
	hours by 10 kmph. In	how many	hours will	it cover 345 kms?	(Bank P.O. 2003)
	(a) $2\frac{1}{4}$ hrs		(b) 4 hrs 5	min	(c) $4\frac{1}{2}$ hrs
	(d) Cannot be determ	ined	(e) None of	these	Z



(d) 36 km/hr

(Civil Services, 2003)

(c) 30 km/hr

(b) 24 km/hr

(a) 18 km/hr

A car driver travels from the plains to the hill station, which are 200 km apart at an average speed of 40 km/hr. In the return trip, he covers the same distance at an average speed of 20 km/hr. The average speed of the car over the entire distance of 400 km is:					
$\frac{400 \text{ km}}{(a)}$ 25 km/hr	(b) 26.67 km/hr	(c) 28,56 km/hr	(d) 30 km/hr		
Mac travels from A	to B a distance of 250 His average speed is:	miles in $5\frac{1}{2}$ hours. H	e returns to A in		
	(b) 46 mph	(c) 48 mph	(d) 50 mph		
A boy goes to his sch	ool from his house at a stees 5 hours in going and	speed of 3 km/hr and i	returns at a speed		
(a) 5 km	(b) 5.5 km	(c) 6 km	(d) 6.5 km		
The average speed of journey. The train halfer the complete to a	a train in the onward jou its for one hour on reach and fro journey is 17 ho the onward journey is	urney is 25% more than uing the destination. Th urs, covering a distance	that in the return e total time taken		
(a) 45 km/hr	(b) 47.5 km/hr	(c) 52 km/hr	(d) 56.25 km/hr		
my bicycle went out o my house walking al 10 kmph and my wa	e at 7 a.m. to reach a cer of order. Consequently, I I the way. I reached my lking speed is 1 kmph,	tain place. After going a rested for 35 minutes house at 1 p.m. If m	y cycling speed is		
of:		9	10		
(a) $4\frac{61}{66}$ km	(b) $13\frac{4}{9}$ km	(c) $14\frac{3}{8}$ km	(d) $15\frac{10}{21}$ km		
A, B and C are on a trip by a car. A drives during the first hour at an average speed of 50 km/hr. B drives during the next 2 hours at an average speed of 48 km/hr. C drives for the next 3 hours at an average speed of 52 km/hr. They reached their destination after exactly 6 hours. Their mean speed was:					
(a) 50 km/hr	(b) $50\frac{1}{3} \text{ km/hr}$	$(c) 51\frac{1}{3} \text{ km/hr}$	(d) 52 km/hr		
A man on tour travels The average speed for	s first 160 km at 64 km r the first 320 km of t	h / hr and the next 160 he tour is:	(1.6.16.D. 2000)		
(a) 35.55 km/hr	(b) 36 km/hr	(c) 71.11 km/hr	(d) 71 km hr		
A boy rides his bicycl 12 km at an average	le 10 km at an average speed of 10 km/hr. I	speed of 12 km/hr	and again travels the entire trip is (S.S.C. 1999)		
approximately:	(b) 10.8 km/hr	(c) 11 km/hr	(d) 12.2 km/hr		
A man travels 600 km	n by train at 80 km/h km/hr and 100 km by	r, 800 km by ship at 4 car at 50 km/hrt Wi	(0,000 0,000)		
(a) 60 km nr	(b) $60\frac{5}{193} \text{ km/hr}$	(c) 62 km/hr	(d) $65\frac{5}{123}$ km/hr		
A car travels the first one-third of a certain distance with a speed of 10 km/hr, the next one-third distance with a speed of 20 km/hr, and the last one-third distance with a speed of 60 km/hr. The average speed of the car for the whole journey is:					
		() 00 l-m / hr	(a) 90 km / m		

				Aptitus
39,	A motorist covers a d	istance of 39 km in 45	minutes by more	θρυπι
	for the first 15 minute	istance of 39 km in 45 es, then moving at doubt his original speed for (b) 36	ole the speed for the	a speed of x b
	then again moving at	t his original speed for	the rest of the journer	xt 20 minutes
	/ \ O1 O			-9 Ear.
10	-1-	· · · · · · · · · · · · · · · · · · ·	(6) 40	/ T
40.	Mary jogs 9 km at a	speed of 6 km per hou	ur. At what speed won	(a) 52
	during the next 1.5 h	(b) 36 speed of 6 km per hou ours to have an averag	e of 9 km per hour for	the need to joe
	7			entire jogging
	(a) 9 kmph	(b) 10 kmph	(c) 12 kmph	
11	A con travallina with	5		(d) 14 kmph
94.	A car travelling with	$\frac{5}{7}$ of its actual speed on the car.	covers 42 km in 1 hr 40	0 min 48 see D
	the actual speed of the	he car.	, a	(9 9 9
				(S.S.C. 2002)
	(a) $17\frac{6}{7} \text{ km/hr}$	(b) 25 km/hr	(c) 30 km/hr	(d) 35 km/hr
				os mil/nr
42	A train running at	of its own speed reac	hed a place in 22 hour	s. How much
	could be saved if the	train would have run	at its own spood 2	o. 110 is much time
	(a) 7 hours	(b) 8 hours	(c) 14 hours	(4) 101
				(d) 16 hours
43.	A man can reach a cer	tain place in 30 hours.	If he reduces his speed	by $\frac{1}{2}$ th, he goes
	10 km less in that ti			10
	TO KIN 1655 III WIAC W	me. rma ms speed.		(S.S.C. 2002)
	(a) 4 km/hr	(b) 5 km/hr	(c) $5\frac{1}{2}$ km/hr	(d) 6 km/hr
			2	(a) 6 IMI / III
44.	Walking $\frac{6}{2}$ th of his r	isual speed, a man is 1	2 minutes too late. The	usual time taken
	by him to cover that			(R.R.B. 2001)
	(a) 1 hour	(b) 1 hr 12 min.	(c) 1 hr 15 min.	(d) 1 hr 20 min
n 45	Starting from his hou	se one day, a student wa	alks at a speed of $2\frac{1}{2}$	mph and reaches
٠.				
g On g	his school 6 minutes 1	ate. Next day he increa ly. How far is the school	ses his speed by 1 kills	(S.S.C. 2004)
	school o minutes ear			(5.5.5)
	(a) 1 km	(b) $1\frac{1}{2}$ km	(c) $1\frac{3}{2}$ km	(d) 2 km
		2	4	`
46	A train when moves a	at an average speed of 4	to kmph, reaches its desti	nation 15 minutes
	When its average spec	ed becomes 35 kmph, th	nen it reaches its desti	(Bank P.O. 2003)
	late. Find the length	7	(c) 70 km	(d) 80 km
* ,4	(a) 30 km	(b) 40 km	(c) 10 km	A at 2 P.M. if he
47.	Robert is travelling o	n his cycle and has cal	culated to reach point	15 kmph. At what
	travels at 10 kmphr u	e will reach uncle at 12	110011 11 110 01 61 015 01	(D.M.R.C. 2008)
		to reach A at 1 P.M.?	(a) 10 lemnh	(d) 14 kmph
	(a) 8 kmph	(b) 11 kmph mph, it reaches its dest by 5 minutes only. Th		but if it rulls
48.	If a train runs at 40 k	mph, it reaches its design by 5 minutes only. The	unation late by 11 iiii	train to complete
	at 50 kmpn, it is itee	by 5 minutes only. In	ie correct time for the	VI C
	its journey is			(n of min
	(a) 13 min.	(b) 15 min.	(c) 19 min.	1 Factel
49.	A man covered a cert	(b) 15 min. tain distance at some s minutes less. If he had	d moved 2 kmph.slow	er, he would have
·\$J.	would have taken 40	tain distance at some s minutes less. If he had re. The distance (in kn	n) is:	(S.S.C. 2005)
	taken 40 minutes mo			
		(b) $36\frac{2}{3}$	(c) $37\frac{1}{2}$	(d) 40
	(a) 35	3	4	

50	A car travels from P to it would have taken or 45 minutes lesser if distance between the	Q at a constant some hour lesser to continuous fittees ?	speed. If its speed were over the distance. It we arther increased by 1	increased by 10 km/hr, ould have taken further 0 km/hr. What is the
	(a) 420 km	(b) 540 km	(c) 600 km	
.51	A train can travel 509 and reach point B 75 train lost about 12.5 n	ninutes while stop	ar. Both start from po	
	(a) 100 kmph	(b) 110 kmph	(c) 120 kmph	(d) 130 kmph (M.A.T. 2003)
152	Excluding stoppages, 45 kmph. For how ma	the speed of a buing minutes does	s is 54 kmph and in the bus stop per hour	cluding stoppages, it is
	(a)	(b) 10	(c) 12	(d) 20
53.	A car covers a distance have been 10 km/hr n distance. What is the	nore, then it would	ld have taken 2 hours	speed of the car would less to cover the same
	(a) 45 km/hr	(b) 50 km/hr	(c) 55 km/hr	(d) 65 km/hr
54.	In covering a certain d 30 minutes more than destination is :	istance, the speed B to reach the de	s of A and B are in the estination. The time to	aken by A to reach the (S.S.C. 1999)
	(a) 1 hour	(b) $1\frac{1}{2}$ hours	(c) 2 hours	(d) $2\frac{1}{2}$ hours
55.	In covering a distance doubles his speed, then	of 30 km, Abhay n he would take 1	takes 2 hours more to hour less than Sam	than Sameer. If Abhay eer. Abhay's speed is:
	(a) 5 kmph	(b) 6 kmph	(c) 6.25 kmph	(d) 7.5 kmph (M.A.T. 2003)
56.	Three persons are walk ratio of 4:3:5. The t		n B by these persons	will be:
57		(b) 5:3:4	(c) 15:9:20	(d) 15:20:12
01.	With a uniform speed			
	increased by 4 km/hr, t	he same distance	could have been covere	ed in $7\frac{1}{2}$ hours. What
	is the distance covered			(Bank P.O. 2003)
	(a) 420 km	(b) 480		(c) 640 km
58.	(d) Cannot be determing Pwo men start together at 3.75 kmph. The latte	to walk to a certa	e of these ain destination, one at hour before the form	3 kmph and another
	(a) 6 km (a)	b) 7.5 km	(c) 8 km	(d) 9.5 km
59	ff c person walks at 14 more. The actual distan	km/hr instead o	f 10 km/hr, he would m is:	(R.R.B. 2000)
60	(a) 50 lem	1) 50 1	(a) 70 lem	(d) 80 km
-0,	In a flight of 600 km, as speed for the trip was a minutes. The duration			weather. Its average f flight increased by (M.A.T. 2002)
61	(a) 1 hour	o) 2 hours	(c) 3 hours	(d) 4 hours
,	car It takes 20 minutes of the speed of the	a 600 km journey, more, if 200 km is	if 120 km is done by t done by train and the	rain and the rest by rest by car. The ratio (M.B.A. 2001)
	$(a)^{1/2}:3$	o) 3 : 2	(c) 3; 4	$(d) \ 4 : 3$