https://selldocx.com/products/test-b	ank-heavy-duty-tru	ıck-systems-6e-bennett	
Name :	Class	Dat e:	
Chapter 01—Introduction to Servicing Heavy-D	 utv Trucks		_
	•		
1. What is the minimum truck class rating required to have	•		
<ul><li>a. Class 5</li><li>c. Class 7</li></ul>		ass 6 ass 8	
ANSWER:	u. Ci	d	
2. Which of the GVW categories would a Class 6 truck be	e rated at?		
a. 14,001–6,000 GVW	b. 33,001 GVV	V and over	
c. 19,501–26,000 GVW	d. 10,001–14,0	00 GVW	
ANSWER:		c	
3. Which of the following types of clutches are used in he	eavy-duty truck powertra	ins?	
a. pull-type	b. push-type		
c. two-plate	d. all of the above		
ANSWER:		d	
4. Which of the following truck configurations has a sing	le drive axle?		
a. $4 \times 2$		4 × 4	
c. 6 × 4	d.	6 × 6	
ANSWER:		a	
<ul> <li>5. How is the wheel base measured on a tandem axle truce</li> <li>a. Forward edge of the front tire to the rear edge of</li> <li>b. Center of the front tire to the center of the rear to</li> <li>c. From the centerline of the front wheel to the center</li> <li>d. None of the above</li> </ul> ANSWER:	f the rear tandem tire andem tire	read c	
6. What is the maximum number of forward gear ratios the	at have been used in hig	hway heavy-duty truck transmissions	?
a. 10	b.	13	
c. 15	d.	20	
ANSWER:		d	
<ul> <li>7. Which of the statements about brake systems used on handle a. Class 8 trucks use air brake systems</li> <li>b. Current production trucks and trailers are equal c. Disc brakes are not used on heavy duty trucks d. Some class 7 trucks have air-over-hydraulic brakes.</li> </ul>	ipped with ABS	Γ true?	
8. Technician A says that most current Class 8 trucks use steering is a recent introduction in trucks. Who is correct		•	on
a. Technician A only	b. Technicia	•	
c. Both A and B	d. Neither A		
ANSWER:		c	

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9. Which of these organizations condu	cts a certification progra	m for truck techn	icians?	
a. ASE		b. NHTS	A	
c. ATA		d. FMVS	S	
ANSWER:				a
10. Which of the following terms desc	ribes a trucking operatio	n that runs goods	from terminal to ter	minal?
a. Linehaul	b. Le	ss than load (LTI	L)	
c. Vocational	d. Pie	ck-up and deliver	y	
ANSWER:				a
11. Which ASE certification test quali	fies truck technicians to	work on air brake	systems?	
a. T1		b.	T3	
c. T4		d.	T5	
ANSWER:				c
12. Which of the following is not mou	nted on an avle?			
a. cast spoke wheel	incu on an axic:	b. hub-pilot	ed disc wheel	
c. stud-piloted disc wheel		d. fifth whe		
ANSWER:				d
12 777 1 21 21 21 1 1 27	2 111			
13. Which of the following is NOT a tag. internal engine brake	_	ansmission hydra	ulic retarder	
<ul><li>a. internal engine brake</li><li>c. driveline brake</li></ul>		ngpin lock	une retarder	
ANSWER:	u. Ki	пдригюек		d
				_
14. Which of the following component	ts couples a trailer to a tr			
a. upper coupler plate			ngpin	
c. bazooka  ANSWER:		d. sec	condary lock	b
ANSWER.				Ü
15. Which of the following component	ts is used to transfer torq	ue from the trans	mission to the drive	shaft?
a. hanger bearing		b.	slip spline	
c. final drive carrier		d.	end yoke	
ANSWER:				d
16. What component is used in driveling	nes to allow torque trans	fer between two	drive components or	different planes?
a. slip splines	b.	U-joints		_
c. yokes	d.	hanger beari	ngs	
ANSWER:				b
17. Which ASE test certifies technicia:	ns to work on truck elect	crical systems?		
a. T1		b.	Т3	
c. T5		d.	T6	

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ANSWER:				d
18. If a technician holds ASE T5 certification, what is he or sl a. diesel engines	he certified		rk on? truck brake system	s
c. suspension and steering systems		d.	HVAC systems	
ANSWER:				c
19. What is another way of describing an 'independent trucke	r'?			
a. owner-operator	b.	-	vate fleet	
c. cowboy	d.	flee	et manager	
ANSWER:				a
20. Which of the following is a major advantage of a truck air	suspension	syste	m?	
a. improved ride				
b. greater driver comfort				
<ul><li>c. adjusts from loaded to unloaded states</li><li>d. all of the above</li></ul>				
ANSWER:				d
MVSW ER.				u
21. How many tires would be found on a typical tandem drive	e, highway t	ractor		
a. 6		b.	8	
c. 10	(	d.	12	
ANSWER:				С
22. What is the advantage of using two or three countershafts a. multiplies output torque	in a heavy-	duty ti	ruck transmission?	
b. divides torque reducing stress on gears				
c. increases overall transmission length				
d. easier to overhaul				_
ANSWER:				b
23. If a truck is described as a tandem drive, highway tractor,	how many	axles o	_	
a. 2 c. 4		d.	3 6	
ANSWER:		u.	O	ь
24. What is the front of a trailer sometimes known as?	1			
a. nose		nout	a a un la r	
c. landing gear  ANSWER:	u. t	ipper (	coupler	a
211577 2A.				a
25. Which of the following correctly describes GVW?				
a. weight of the vehicle	b. weight			
c. weight of the vehicle and its load Copyright Cengage Learning. Powered by Cognero.	d. weight	of the	e vehicle minus its lo	oad Page 3

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ANSWER:								c
26. Which of		~	nes is owned by Paccar					
;		rling			Western S			
ANSWER:	c. Ma	ck Trucks		d.	Kenworth	l		d
27 Which of	the follo	wing acronyms is use	d to describe the overa	11 lenoth	of a tract	or-semi traile	er combina	ation?
27. Willen of	a.	AF	a to describe the overa	b.		AL	omome.	mon.
	c.	OWB		d.	T	L		
ANSWER:								b
		ay of saying 'compute	er-controlled'?					
	•	hanically managed		b.		lly controlled		
	electronica	ally managed		d.	hydrauli	cally actuated	1	
ANSWER:								c
29. Approxir	nately wh	at percentage of total	freight volume is hand	lled by tı	rucks nati	onwide?		
	a.	10%		b.		0%		
	c.	80%		d.	95	5%		
ANSWER:								c
			he truck service indust	ry has ar	n ASE cer			
		eavy duty parts specia	alist		b.	service ma	_	
	ervice wr	iter			d.	general ma	nager	
ANSWER:								a
31. If a stand would the un		~ .	verted from duals to w	ide base	singles o	n the drive a	xles, how	many tires
.,	a.	Four		1	b.	Six		
	c.	Eight			d.	Ten		
ANSWER:		-						b
32. If what is be the total n			ler has its duals replace	ed by wid	de-base si	ngles throug	hout the rig	g, what would
	a.	Ten		b.	Twe	elve		
	c.	Fourteen		d.	Sixt	een		
ANSWER:								a
33. Which of	the follow	wing accounts for an	increase in auxiliary H	VAC sv	stems on 1	ate model tr	ucks?	
a.		s are not as hardy toda	•					
b.		ling legislation in sor	•					
c.	Diesel	fuel today has more s	ulfur					
d.	Drivers	s sleep better without	the engine noise					

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ANSWER:		b
34. Which ASE certification category qual	lifies transit bus technicians?	
a. B-Series	b. T-Series	
c. S-Series	d. H-Series	
ANSWER:		d
•	ed truck technician is eligible to join the ATA Tec Technician B says that two years of hands-on expe Tho is correct?  b. Technician B only	~ ·
c. Both A and B	d. Neither A nor B	
ANSWER:		c
36. Which of the following would be associated as DC power c. V-Bat  ANSWER:	b. AC power d. V-Ref	b
a. Linehaul	the tracking, moving, storing, and delivery of car b. Pick and delivery	~
c. Just-in-time delivery	d. Logistics	,
ANSWER:	a. Logistics	d
38. Which of the following terms would b	ne used to classify a fire truck?	
a. Vocational	b. Pick-up and delivery	
c. LTL	d. Linehaul	
ANSWER:		a
<ul><li>39. What domestically sourced alternate for a. dimethyl ether</li><li>c. propane</li></ul>	uel, is widely use in transit bus applications, espec b. natural gas d. alcohol	ially on the West coast?
ANSWER:		b
•	hybrid drive systems are suited to inner city, stop- c hybrid drive systems increase emissions. Who is b. Technician B d. Neither A nor B	* *

ANSWER:

a