ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: English **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	You have realized the necessity of education and financial independence of women for their family, society and in turn for the nation. Write a letter to the Editor, 'The National Times' highlighting your ideas on the importance of education of women leading to a better status for them. You are Tarun/Taruna, B – 7/9, Mall Road, Delhi. (100 – 125 words)	6	Information
2	**Read the extract given below and answer the questions that follow.** **"**and such are daffodils With the green world they live in ; and clear rills That for themselves a cooling covert make Gainst the hot season; The mid forest brake….. **"** (i)Identify the poem and the poet. (ii)What in nature makes a cooling covert ? (iii)At what time of the year are the rills cool ?	3	Understanding
3	Dr Sadao faced a dilemma. Should he use his ' surgical skills to save the life of a wounded American POW or should he hand him over to the Japanese police? How did he resolve the clash of values?	5	HOT
4	How did the peddler feel after robbing the crofter? What course did he adopt and how did he react to the new situation ?	5	HOT
5	How does Keats show his unhappiness with his fellow human beings ?	5	Analytical Skill
6	Compulsory value-based education is the only remedy for inculcating values among the future citizens of the country. This will also help in the prevention of crime in the country. Write an article in 150-200 words on the need of compulsory value-based education.	6	Critical Thinking and Problem Solving
7	Answer the following questions in 30-40 words each. (i)Why do you think that the General spare the American soldier? (ii)What does a thing of beauty do for us ? (iii) How did Dr Sadao get rid of the enemy soldier? (iv)To choose between professional loyalty and patriotism was a dilemma for Dr Sadao. How did he succeed in betraying neither? (v)Explain the reaction of the servants in Dr Sadao's house when he decided to give shelter to an enemy in the house.	2x5=10	Evaluation

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Hindi **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	स्वास्थ्य -विभाग द्वारा आपके क्षेत्र की सफाई -व्यवस्था की ओर ध्यान न दिए जाने पर किसी दैनिक पत्र के संपादक को पत्र लिखिए|	5	Information
2	"भारत में किसानो की समस्याओं की अनदेखी"विषय पर फीचर लिखिए		5	Understanding
3	समाचार लेखन का आशय स्पष्ट कीजिए| समाचार लेखन के प्रकारों पर प्रकाश डालिए|	5	HOT
4	1. विशेषीकृत पत्रकारिता से आप क्या समझते हैं ? 2. हिंदी पत्रकारिता दिवस कब और किस उपलक्ष्य में मनाया जाता है? 3. सपादकीय में लेखक का नाम क्यों नही दिया जाता है ? 4. 'वॉचडॉग पत्रकारिता' किस प्रकार लोकतंत्र का प्रहरी है ? 5. किन्ही चार हिंदी समाचार पत्रों के नाम लिखिए, जिनके इंटरनेट संस्करण भी उपलब्ध है|	5	Interdisciplinary
5	'पर्यावरण है तो मानव है' विषय पर अनुच्छेद लिखिए|	5	Analytical Skill
6	'विश्वासपात्र मित्र जीवन कि एक औषधि है' विषय पर फीचर लिखिए|	5	Critical Thinking and Problem Solving
7	कैमरे में बंद अपाहिज कविता के अनुसार मिडिया का समाज में क्या दायित्व होना चाहिए ?	5	Evaluation
8	बढ़ती जनसंख्या ने अनेक प्रकार की समस्याओं को जन्म दिया है-रोटी, कपड़ा, मकान की कमी, बेरोजगारी, निरक्षता, कृषि एवं उद्योगों के उत्पादनों में कमी आदि। हम जितनी अधिक उन्नति करते हैं या विकास करते हैं, जनसंख्या उसके अनुपात में बढ़ जाती है। बढ़ती जनसंख्या के समक्ष हमारा विकास बहुत कम रह जाता है और विकास कार्य दिखाई नहीं देते। बढ़ती जनसंख्या के समक्ष सभी सरकारी प्रयास असफल दिखाई देते हैं। कृषि उत्पादन और औद्योगिक विकास बढ़ती जनसंख्या के सामने नगण्य सिद्ध हो रहे हैं। इन सभी बातों को ध्यान में रखते हुए जनसंख्या वृद्धि पर नियत्रंण की अति आवश्यकता है। इसके बिना विकास के लिए किए गए सभी प्रकार के प्रयत्न अधूरे रह जाएँगे। **प्रश्न** (क) बढ़ती जनसंख्या से किसमें कमी आई है? (i) बेरोजगारी (ii) गरीबी (iii) निरक्षरता (iv) कृषि एवं उद्योगों के उत्पादनों में	5	Communication Skills

	(ख) जनसंख्या बढ़ने से किन चीजों में बढ़ोत्तरी हुई है? (i) लोगों के कार्य करने की क्षमता में (ii) शिक्षा में (iii) गरीबी एवं बेरोजगारी में (iv) लोगों के स्वास्थ्य में (ग) हमारा विकास कार्य दिखाई नहीं देता, क्योंकि (i) विकास के अनुपात में जनसंख्या वृधि अधिक है। (ii) जनसंख्या वृद्धि कम हैं। (iii) उपर्युक्त दोनों । (iv) इनमें से कोई नही		

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Mathematics **Assignment No. : 4**

Allotment Date: 12 September 2024

S.NO.	QUESTIONS	MARKS	NATURE
1	The value of $\int_1^{\sqrt{3}} \frac{dx}{1+x^2}$ is: (a)$\pi/3$ (b) $\pi/4$ (c) $\pi/6$ (d) $\pi/12$	1	Understanding
2	The value of $\int_{\pi/6}^{\pi/3} \frac{dx}{1+\sqrt{cotx}}$ is: (a) $\frac{\pi}{12}$ (b) $\pi/3$ (c) $\pi/6$ (d) $\pi/2$	1	HOT
3	$\int e^{log(sinx)} cos^3 x dx$ is equal to: (a) $-\frac{sin^4 x}{4}$+c (b) $-\frac{e^{sinx}}{4}$ +c (c) $-\frac{cos^4 x}{4}$+c (d) $\frac{e^{sin4x}}{4}$ +c	1	HOT
4	$\int e^x secx(1+tanx)dx$ is equal to: (a)$e^x cosx + c$ (b) $e^x secx + c$ (c) $e^x sinx + c$ (d) $e^x tanx + c$	1	Understanding
5	The value of $\int_0^{\pi/2} x\, sinx\, dx$ is: (a) $\pi/4$ (b) $\pi/2$ (c) π (d) 1	1	Understanding
6	The value of $\int_{-\pi/2}^{\pi/2} sin^3 x\, dx$ is: (a) 1 (b) 2 (c)0 (d)-2	1	Understanding
7	$\int_{-a}^{a} f(x)\, dx = 0$,if f is an: (a)odd function (b) even function (c) trigonometric function (d) exponential function	1	Understanding
8	If $\int_0^a \frac{1}{4x^2+1} dx = \pi/8$, then a is equal to: (a) 2 (b) 1/2 (c) 1 (d)0	1	Information
9	**Assertion- Reason Type:** **Direction:** The following questions are Assertion-Reason type questions. Each of these questions contains two statements: Assertion (A) and Reason (R). Each of these questions also has four alternative choices, only one of which is the correct answer. You have to select the correct choice. (a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true and R is the not correct explanation of A. (c) A is true but R is false. (d) A is false but R is true. Assertion (A): $\int \frac{1}{1+x^2} dx$ = $\tan^{-1}$x +C, where C is an arbitrary constant. Reason (R): Since $\frac{d}{dx} tan^{-1} x = \frac{1}{1+x^2}$, so $\int \frac{1}{1+x^2} dx$ = $\tan^{-1}$x +C	1	Information
10	Evaluate: $\int tan^2 x\, dx$	2	Understanding
11	Evaluate: $\int \sqrt{(1+cos2x)}\, dx$	2	HOT
12	If $\int (\frac{x-1}{x^2}) e^x dx$ =f(x) $e^x + c$, then write the value of f(x).	2	HOT

13	If f'(x) = $\frac{4}{x} - \frac{1}{\sqrt{1-x^2}}$ and f(1)=0, then find f(x).	**2**	Analytical Skill
14	Evaluate: $\int cos^5 x\, dx$	**2**	Understanding
15	Evaluate: $\int \frac{cos2x+2sin^2x}{cos^2x} dx$	**3**	Interdisciplinary
16	Evaluate: $\int cos^{-1}(sinx)\, dx$	**3**	Understanding
17	Evaluate: $\int \frac{(x^2+sin^2x)\, sec^2x}{1+x^2} dx$	**3**	Understanding
18	Evaluate: $\int \frac{cosx-cos2x}{1-cosx} dx$	**3**	Critical Thinking and Problem Solving
19	Case Study: A student designs an open air Honeybee nest on the branch of a tree, whose plane figure is parabolic and the branch of the tree is given by a straight line. (i) Find the point of intersection of the parabola and straight line. (ii) Find the area of each vertical strip. (iii) Find the area of the region bounded by parabola x^2= 4ay and the line y=4.	**4**	Critical Thinking and Problem Solving
20	Evaluate: $\int_0^{\pi/2} (\sqrt{cotx} + \sqrt{tanx})\, dx$	**5**	Critical Thinking and Problem Solving

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Physics **Assignment No. : 4**

Allotment Date: 12 September 2024

S.NO.	QUESTIONS	MARKS	NATURE
1	**Multiple choice questions** a) The angle between the electric dipole moment and the electric field due to electric dipole at a point on its axial point is a) 90 b) 180 c) 45 d) 0 b) Two circular coils of diameter 10 and 20 cm have same numbers of turns. The ratio of magnetic field inductions produced at the centre of coils when connected in series is a) 1:2 b) 3:2 c) 2:1 d) 2:3	**1** 1	Analytical Skills
2	**Assertion-Reason** In the following questions, a statement of assertion is followed by a corresponding statement of reason. Of the following statements, choose the correct one. a. Both assertion and reason are correct statements and reason is the correct explanation of the assertion. b. Both assertion and reason are correct, but reason is not the correct explanation of the assertion. c. Assertion is correct, but the reason is incorrect statement. d. Assertion is incorrect but reason is correct statement. 1.ASSERTION: An alternating current of frequency 50 Hz becomes zero .Hundred times in one second. REASON: Alternating current changes direction and becomes zero twice in a cycle 2.ASSERTION: IN series LCR- circuit, the resonance occurs at one frequency only. REASON: At resonance, the inductive reactance is equal and opposite to the capacitive reactance.	 **1** **1**	Understanding
3	**Multiple choice questions** a)Force acting on a stationary point charge q in an electric field E is a) E/q b) qE c) q^2E d) E/q^2 b) At 1000^0C, resistance of a wire is found to be four times its resistance at 0°c .The temperature coefficient of resistance of the material of the wire will be: a) 0.001 $^0C^{-1}$ b) 0.002 $^0C^{-1}$ c) 0.003 $^0C^{-1}$	 **1** **1**	Interdisciplinary

	d) $0.004\ ^{0}C^{-1}$		
4	**Multiple choice questions** a) An electric bulb marked 40 watt - 200 volt is used in a circuit of supply voltage 100 V. Now its power is a) 10 W b)20 W c) 40 W d) 100 W b)When three identical bulbs of 60 watt, 200 V rating are connected in series to a 200 volt supply, the power drawn by them will be: a) 60 W b) 180 W c) 10 W d) 20 W	**1** **1**	Understanding
5	**Assertion-Reason** In the following questions, a statement of assertion is followed by a corresponding statement of reason. Of the following statements, choose the correct one. a. Both assertion and reason are correct statements and reason is the correct explanation of the assertion. b. Both assertion and reason are correct, but reason is not the correct explanation of the assertion. c. Assertion is correct, but the reason is incorrect statement. Assertion is incorrect but reason is correct statement a) ASSERTION: Two capacitors of same capacity are firstly connected in parallel and then in series .The ratio of equivalent capacitance in two cases is 2 : 1 REASON: In series capacitance decreases b) ASSERTION: Electric line of force never cross each other. REASON: They are imaginary lines ,so as per the supposition they cannot cross each other.	 **1** **1**	HOT
6	a)What is the expression for the impedance of LCR circuit? b) What is the path followed by a charged particle when it moves at an angle 0^0 ,90^0 or 180^0 and (other than 0^0 ,90^0 or 180^0) to the magnetic field?	**2**	Evaluation
7	Twoequalballshavingequalpositivecharge *q*coulombsaresuspended by two insulatingstrings of equal length. What would be the effect on the force when a plastic sheet is insertedbetweenthetwo?	**3**	Communication skill
8	IntheRutherfordscatteringexperiment,thedistanceofclosestapproachforan*α*-particleis d_0.If*α*-particleisreplacedbyaproton,thenhowmuchkineticenergyincomparisonto *α*-particlewillberequiredtohavethesamedistanceofclosestapproach?	**3**	Evaluation
9	a)Show that Lenz's law is direct consequence of the law of conservation of energy. b) Two spherical bobs, one metallic and the other of glass, of the same size are allowed to fall freely from the same height above the ground. Which of the two would reach earlier and why?	**3**	Information
10	How is the mutual inductance of a pair of coils affected when i) Separation between the coils is increased ii) The number of turns of each coil is increased iii) A thin iron sheet is placed between the two coils, other factors remaining the same. Explain your answer in each case.	**3**	Understanding
11	Using Biot Savart's law, Derive an expression for magnetic field due to infinitely long straight wire.	**3**	HOT
12	Howdoesonedemonstrate,usingasuitablediagram,thatpolarisedlightwhenpassedthroughapolaroidgetspolarised?	**3**	HOT
13	What is meant by mutual induction ?Define coefficient of mutual induction and also give its SI unit .Derive an expression for the coefficient of mutual induction between two long solenoids**.**	**5**	Critical thinking and Problem

			solving
14	a) Drive an expression for the force per unit length between two long straight parallel conductors carrying current in the same direction and hence define the unit of current. b) Name the device used to change the speed of an electric fan.	**5**	Analytical Skill

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CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Chemistry **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Write down the electronic configuration of i. Cr^{3+} ii.Cu^{+}	2	Analytical Skills
2	Why are Mn^{2+} compounds more stable then Fe^{2+} towards +3 oxidation state.	2	Understanding
3	Distinguish between lanthanoids and actinoids.	2	Information
4	Draw graph to show effect of catalyst on rate of reaction.	2	Interdisciplinary
5	State following laws- a. Raoults law b. Henry's aw	2	Information
6	What are different oxidation states exhibited by lanthanoids?	2	Understanding
7	Draw graph to show lanthanoid contraction.	3	Interdisciplinary
8	What can be inferred from the magnetic moment of the following compounds- A=2.2BM B= 5.9BM	3	HOT
9	Explain the bonding in coordinate compounds in terms of Werner's theory.	3	HOT
10	$[NiCl_4]^{2-}$ is diamagnetic,explain with the help of electronic distribution.	3	Interdisciplinary
11	Explain why $[Co(NH_3)_6]^{3+}$ is diamagnetic?	3	Information
12	Define- i.polydentate ligands ii.ambidentate ligands iii.chelate ligands	3	Information
13	Explain SHE with the help of diagram	5	Interdisciplinary
14	Draw figure and explain splitting of d-orbitals in an octahedral crystal field.	5	HOT

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REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Biology **Assignment No. : 4**

Allotment Date: 12 September 2024

S.NO.	QUESTIONS	MARKS	NATURE
1.	Differentiate between perisperm and pericarp.	2	Analytical Skills
2.	When and where do chorionic villi appear in humans? State their function.	2	Understanding
3.	List various artificial birth control methods.	2	Analytical Skills
4.	Why is the frequency of red green colour blindness many times higher in males than that in the females?	2	Interdisciplinary
5.	Define replication fork.	2	Understanding
6.	Define mass extinction. Give example.	2	Information
7.	Write a short note on the structure of antibody molecule.	3	Information
8.	Define apomixis. Mention two applications of apomicts in hybrid seed industry. How is it different from polyembryony?	3	HOT
9.	Write the functions of the following: a. Acrosome b. Nucleus c. Middle piece	3	Understanding
10.	What are the measures one has to take to prevent from contracting STDs?	3	HOT
11.	Differentiate between multiple allelism and pleiotropy with the help of an example of each.	3	Interdisciplinary
12.	Describe the structure of a nucleosome.	3	Interdisciplinary
13.	How did industrialization play a role in natural selection of light and dark coloured moth in England?	5	Understanding
14.	What is the mechanism by which AIDS virus causes deficiency of immune system of the infected person?	5	HOT

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CLASS - XII
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REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Accountancy **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	In case the partners' capitals are fixed, in which account will withdrawal of capital be recorded ?	**1**	Understanding
2	Meera, Myra and Neera were partners sharing profits in the ratio of 2 : 2 : 1. They decided to share future profits in the ratio of 7 : 5 : 3 with effect from 1st April, 2019. Their Balance Sheet as on that date showed a balance of Rs. 45,000 in Advertisement Suspense Account. The amount to be debited respectively to the capital accounts of Meera, Myra and Neera for writing off the amount in Advertisement Suspense Account will be : (A) Rs. 18,000, Rs. 18,000 and Rs. 9,000 (B) Rs. 15,000, Rs. 15,000 and Rs. 15,000 (C) Rs. 21,000, Rs. 15,000 and Rs. 9,000 (D) Rs. 22,500, Rs. 22,500 and Nil	**1**	Knowledge
3	Mona and Tina were partners in a firm sharing profits in the ratio of 3 : 2. Naina was admitted with 1/6th share in the profits of the firm. At the time of admission, Workmen's Compensation Reserve appeared in the Balance Sheet of the firm at Rs. 32,000. The claim on account of workmen's compensation was determined at Rs. 40,000. Excess of claim over the reserve will be : (A) Credited to Revaluation Account. (B) Debited to Revaluation Account. (C) Credited to old partner's Capital Account. (D) Debited to old partner's Capital Account.	**1**	Analyzing
4	Diya, Riya and Tiya were partners sharing profits and losses in the ratio of 2 : 3 : 5. Tiya died on 28th November, 2019. Her share of profit was taken equally by Diya and Riya. Diya's share of profit in the new firm will be _____ .	**1**	Reasoning
5	A, B and C were partners in a firm sharing profits and losses in the ratio of 5 : 3 : 2. C retired and his capital balance after adjustments regarding reserves, accumulated profits/losses and his share of gain on revaluation was Rs. 2,50,000. C was paid Rs. 3,22,000 including his share of goodwill. The amount credited to C's capital account, on his retirement, for goodwill will be : (A) Rs. 72,000 (B) Rs. 7,200 (C) Rs. 24,000 (D) Rs. 36,000	**1**	Knowledge
6	Excess of issue price of a debenture over its face value is called _____.	**1**	Knowledge
7	Which of the following statements does not relate to 'Reserve Capital' : (A) It is part of uncalled capital of a company. (B) It cannot be used during the lifetime of a company. (C) It can be used for writing off capital losses. (D) It is part of subscribed capital	**1**	Knowledge

8	Rohan, Mohan and Sohan were partners sharing profits equally. At the time of dissolution of the partnership firm, Rohan's loan to the firm will be : (A) Credited to Rohan's Capital Account. (B) Debited to Realisation Account. (C) Credited to Realisation Account. (D) Credited to Bank Account.	**1**	Knowledge
9	Sun and Star were partners in a firm sharing profits in the ratio of 2 : 1. Moon was admitted as a new partner in the firm. New profit sharing ratio was 3 : 3 : 2. Moon brought the following assets towards his share of goodwill and his capital : Rs. Machinery 2,00,000 Furniture 1,20,000 Stock 80,000 Cash 50,000 If his capital is considered as Rs. 3,80,000, the goodwill of the firm will be : (A) Rs. 70,000 (B) Rs. 2,80,000 (C) Rs. 4,50,000 (D) Rs. 1,40,000	**1**	Reasoning
10	Rahul, Sahil and Jatin were partners in a firm sharing profits and losses in the ratio of 4 : 3 : 2. Rahul died on 15th October, 2017. At that time, the capitals of Sahil and Jatin after all the adjustments were Rs. 3,56,000 and Rs. 2,44,000 respectively. Sahil and Jatin decided to adjust their capital according to their new profit sharing ratio by opening current accounts. Calculate the new capitals of Sahil and Jatin.	**1**	Reasoning
11	Ram, Mohan and Sohan were partners sharing profits in the ratio of 2 : 1 : 1. Ram withdrew Rs. 3,000 every month and Mohan withdrew Rs. 4,000 every month. Interest on drawings @ 6% p.a. was charged, whereas the partnership deed was silent about interest on drawings. Showing your working clearly, pass the necessary adjustment entry to rectify the error.	**3**	Knowledge
12	Yadu, Vidu and Radhu were partners in a firm sharing profits in the ratio of 4 : 3 : 3. Their fixed capitals on 1 st April, 2018 were Rs. 9,00,000, Rs. 5,00,000 and Rs. 4,00,000 respectively. On 1 st November, 2018, Yadu gave a loan of Rs. 80,000 to the firm. As per the partnership agreement : (i) The partners were entitled to an interest on capital @ 6% p.a. (ii) Interest on partners' drawings was to be charged @ 8% p.a. The firm earned profits of Rs. 2,53,000 (after interest on Yadu's loan) during the year 2018 – 19. Partners' drawings for the year amounted to Yadu : Rs. 80,000, Vidu : Rs. 70,000 and Radhu : Rs. 50,000. Prepare Profit and Loss Appropriation Account for the year ending 31st March, 2019.	**3**	Remembering and understanding
13	Furkan, Tanmay and Barkat were partners in a firm sharing profits in the ratio of 3 : 2 : 1. The firm closes its books on 31st March every year. Tanmay died on 31st July, 2019. His executor was entitled to : (i) His capital Rs. 8,00,000 and his share of goodwill which was valued for the firm at Rs. 96,000. (ii) His share of profit as per partnership agreement, which was to be calculated on the basis of average profit of last 3 years. Average profits of the last 3 years were Rs. 78,000. (iii) Tanmay's executors were paid Rs. 95,000 by cheque at the time of his death and the balance was transferred to his executor's loan account. Pass the necessary journal entries in the books of the firm, on Tanmay's death, for the above transactions.	**4**	Understanding
14	Raunit Styles Ltd. was registered with a capital of Rs. 85,00,000 divided into equity shares of Rs. 100 each. The company invited applications for issuing 45,000 shares. The amount was payable as Rs. 25 on application, Rs. 35 on allotment, Rs. 25 on first call	**4**	Knowledge

	and balance on final call. Applications were received for 42,000 shares and allotment was made to all the applicants. Kavi, to whom 3,300 shares were alloted, failed to pay both the calls. His shares were forfeited. Present the Share Capital in the Balance Sheet of the company as per Schedule III of the Companies Act, 2013.		
15	Pass the necessary journal entries for the following transactions on the dissolution of the partnership firm of Tony and Rony after the various assets (other than cash) and external liabilities have been transferred to Realization Account : (i) An unrecorded asset of Rs. 2,000 and cash Rs. 3,000 was paid for liability of Rs. 6,000 in full settlement. (ii) 100 shares of Rs. 10 each have been taken over by partners at market value of Rs. 20 per share in their profit sharing ratio, which is 3 : 2. (iii) Stock of Rs. 30,000 was taken over by a creditor of Rs. 40,000 at a discount of 30% in full settlement. (iv) Expenses of realisation Rs. 4,000 were to be borne by Rony. Rony used the firm's cash for paying these expenses. Or Yadu, Vidu and Radhu were partners in a firm sharing profits in the ratio of 4 : 3 : 3. Their fixed capitals on 1 st April, 2018 were Rs. 9,00,000, Rs. 5,00,000 and Rs. 4,00,000 respectively. On 1 st November, 2018, Yadu gave a loan of Rs. 80,000 to the firm. As per the partnership agreement : (i) The partners were entitled to an interest on capital @ 6% p.a. (ii) Interest on partners' drawings was to be charged @ 8% p.a. The firm earned profits of Rs. 2,53,000 (after interest on Yadu's loan) during the year 2018 – 19. Partners' drawings for the year amounted to Yadu : Rs. 80,000, Vidu : Rs. 70,000 and Radhu : Rs. 50,000. Prepare Profit and Loss Appropriation Account for the year ending 31st March, 2019.	**4**	Understanding
16	Badal and Bijli were partners in a firm sharing profits in the ratio of 3 : 2. Their Balance Sheet as at 31st March, 2019 was as follows : Balance Sheet of Badal and Bijli as at 31st March, 2019	**6**	Knowledge

Liabilities		Amount ₹	Assets	Amount ₹
Capitals :			Building	1,50,000
Badal	1,50,000		Investments	73,000
Bijli	90,000	2,40,000	Stock	43,000
Badal's Current A/c		12,000	Debtors	20,000
Investment Fluctuation Reserve		24,000	Cash	22,000
Bills Payable		8,000	Bijli's Current A/c	2,000
Creditors		26,000		
		3,10,000		3,10,000

Raina was admitted on the above date as a new partner for 1/6th share in the profits of the firm. The terms of agreement were as follows : (i) Raina will bring Rs. 40,000 as her capital and capitals of Badal and Bijli will be adjusted on the basis of Raina's capital by opening current accounts. (ii) Raina will bring her share of goodwill premium for Rs. 12,000 in cash. (iii) The building was overvalued by Rs. 15,000 and stock by Rs. 3,000. (iv) A provision

	of 10% was to be created on debtors for bad debts. Prepare the Revaluation Account and Current and Capital Accounts of Badal, Bijli and Raina. Or Prem, Kumar and Aarti were partners sharing profits in the ratio of 5 : 3 : 2. Their Balance Sheet as at 31st March, 2019 was as under : Balance Sheet of Prem, Kumar and Aarti as at 31st March, 2019		

Liabilities		Amount ₹	Assets	Amount ₹
Capitals :			Building	25,000
Prem	30,000		Plant and Machinery	15,000
Kumar	20,000		Investment	10,000
Aarti	20,000	70,000	Debtors	10,000
General Reserve		8,000	Stock	5,000
Investment Fluctuation Reserve		2,000	Cash	25,000
Sundry Creditors		10,000		
		90,000		90,000

On the above date, Kumar retired. The terms of retirement were : (i) Kumar sold his share of goodwill to Prem for Rs. 8,000 and to Aarti for Rs. 4,000. (ii) Stock was found to be undervalued by Rs. 1,000 and building by Rs. 7,000. (iii) Investments were sold for Rs. 11,000. (iv) There was an unrecorded creditor of Rs. 7,000. (v) An amount of Rs. 30,000 was paid to Kumar in cash which was contributed by Prem and Aarti in the ratio of 2 : 1. The balance amount of Kumar was settled by accepting a Bill of Exchange in favour of Kumar. Prepare the Revaluation Account, Capital Accounts of partners and the Balance Sheet of the reconstituted firm.

17	(i)	R.P. Ltd. forfeited 1,500 shares of Rahim of Rs. 10 each issued at a premium of Rs. 3 per share for non-payment of allotment and first call money. Rahim had applied for 3,000 shares. On these shares, amount was payable as follows : On application – Rs. 3 per share On allotment (including premium) – Rs. 5 per share On first call – Rs. 3 per share On final call – Balance Final call has not been called up. 1,000 of the forfeited shares were reissued for Rs. 8,500 as fully paid-up. Record the necessary journal entries for the above transactions in the books of R.P. Ltd.	**6**	Knowledge and computation
	(ii)	Max Ltd. forfeited 500 shares of Rs. 100 each for non-payment of first call of Rs. 20 per share and final call of Rs. 25 per share. 250 of these shares were re-issued at Rs. 50 per share fully paid-up. Pass the necessary journal entries in the books of Max Ltd. for forfeiture and re-issue of shares. Also prepare the Share Forfeiture Account.		
		Or Karur Ltd. invited applications for issuing 2,40,000 equity shares of Rs. 10 each at a premium of Rs. 4 per share. The amount was payable as under : On application – Rs. 4 per share (including premium Rs. 2) On allotment – Rs. 4 per share On first and final		

	call – Rs. 6 per share (including premium Rs. 2) Applications for 3,00,000 shares were received and pro-rata allotment was made to all the applicants. Excess application money received on application was adjusted towards sums due on allotment. All calls were made and were duly received except from Rohini, who failed to pay allotment and first and final call on 7,500 shares applied by her. These shares were forfeited. Afterwards, 40% of the forfeited shares were re-issued at Rs. 11 per share as fully paid-up. Pass the necessary journal entries in the books of Karur Ltd. Open call-in-arrears and call-in-advance accounts wherever necessary.		

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Business Studies **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1.	Management is a. a. Science b. An Art c. both science and art d. Neither	1	Understanding
2.	The purchase, production and sales managers at Sharda Ltd, a firm manufacturing readymade garments are generally at a conflict, as they have their own objectives. Usually, each thinks that only they are qualified to evaluate, judge and decide on any matter, according to their professional criteria. Name the concept which will be required by the CEO Mr. Raman, to reconcile the differences in approach, interest or opinion in the organization.	1	Knowledge
3.	Principles of management are NOT: a. Applicable only in large firms b. Formed by practice and experience of manager c. Flexible d. Contingent	1	Knowledge
4.	_____ is considered a major element of the political environment: a. The extent and nature of government intervention in business b. planned outlay in public and private sectors c. Expectations from the work force d. Administrative order issued by government authorities.	1	Remembering
5.	Name the step in the process of planning which is considered the “real point of decision making”.	1	Knowledge
6.	_____gives shape to the organization structure. a) Extent of delegation b) Span of Management c) No of employees d) Planning	1	Knowledge
7.	Astra Builders has to deliver the flats to its buyers on time. Due to this there is a sudden rush of work. Therefore, the company needs to arrange workers to work at the sites at a short notice. The source of recruitment which may be used by the company to tap the casual vacancy is: a. Direct recruitment b. Advertisement c. Recommendation of employees d. Employment Exchange.	1	Analyzing
8.	SCT services CEO Rajan Gopinath’s compensation includes salary, commission and other allowances. The company also pays for his insurance and vacations. Identify one indirect payment being made by the company to the CEO. a. Employer paid Insurance b. Salary	1	Knowledge

	c. Commission d. Allowances.		
9.	At Support.com, there is no reward or appreciation for a good suggestion. Thus, the subordinates are not willing to offer any useful suggestions to their superiors. Identify the type of barrier to communication that has been created in the firm due to this. a. Semantic barrier b. Personal barrier c. Organizational barrier d. Psychological barrier	1	Understanding
10.	M.R. Sarthi, the Ex-chairman of Swadesh Ltd, built up his successor before retiring. Following the norms set up by himself, he handed over the reins of the company to the co-founder Mr. Shravan, who had the potential to bring about change in the behaviour of others. Name the concept of management which was the reason why Mr. Sarthi chose Mr. Shravan to be his successor. A. Motivation B. Leadership C. Communication D. Staffing.	1	Knowledge
11.	"Delegation of authority, undoubtedly empowers an employee to act for his superior, but the superior would still be accountable for the outcome. Explain the elements of delegation of authority discussed above.	3	Understanding and analyzing
12.	It is heartening that the implementation of compliance requirements of the Companies Act, 2013 has progressed substantially with NIFTY 500 companies. Data shows a significant increase in women's participation in the top management of Indian Companies from 5% few years ago to 13% now. Even companies which are not in NIFTY 500 have undertaken drives to increase women's participation across different areas of work. The government had also announced that it would support such companies. Identify and explain the dimensions of business environment discussed above which brought about the change.	3	Understanding and knowledge
13.	The Government is considering a pioneer proposal to launch a single debit-cumcredit card to increase the ease and usage for the consumers. The card which will be called the "National Mobility Card" will have unique advantages for making payments in metro, buses, parking and making transactions during visits abroad. After hearing this news, Mega Bank decided to launch a "Mega Mobility Card" on similar lines , so that they could be the first to exploit the opportunity, arising due to the increasing trend of digitization. In order to improve their performance, they laid down a plan to hire more people in their marketing department and prepared guidelines to train their sales force to market the new card facility being launched by the bank. By quoting the lines, identify and explain any two points of importance of understanding Business Environment discussed above.	4	Analyzing and Remembering
14.	Infocom has diversified itself into several product lines: Telecommunications, Engineering, financial services. Each subsidiary is self-sufficient with their-own administrative functions, propagating the belief that people can assume the responsibility for the effective implementation of their decisions and should be given autonomy. This has reduced the need for direct supervision by superiors, has promoted flexibility, initiative and faster decision making. The orders of customers are never delayed, as a result of good policy decisions of top management. (a). Identify and explain any two points of importance of the concept being discussed above.	4	Analyzing and Remembering

	(b). Name and briefly explain a suitable framework for the company within which the managerial and operating task are to be performed.		
15.	Name and explain with a suitable example the technique of Scientific Management given by Taylor, with the objective of determining the number of workers to be employed for a task. OR Name and explain with a suitable example the technique of Scientific Management given by Taylor to differentiate between the efficient and the inefficient workers.	4	Understanding
16.	Ali Mohammad the CEO of Super Ltd believes that human resource is the most important asset of the firm. He believes that no organisation can be successful unless it can fill and keep filled the various positions provided for in the structure with the right kind of people. Identify the function of management being discussed above and state the benefits to the organisation that its proper application in the firm will ensure.	6	Knowledge
17.	An Auto Company, Win ltd is facing a problem of declining market share due to increased competition from other new and existing players in the market. Its competitors are introducing lower priced models for mass consumers who are price sensitive. The Board of Directors of the Company announced a meeting to discuss the decisions regarding pricing and launching a new range of models, in order to increase the market share of the company. Attending the meeting was not a discretion for the directors and a penalty was announced for not attending the meeting. The following decisions were taken in the meeting: a) to define the desired future position of the company, as acquiring a dominant position in the market by increasing the market share to 10% in 1 year. b) to change the criteria for choosing vendors for procuring supplies; c) to invest in development of the human resources of the organisation by providing training to higher levels by holding seminars and providing on the job training for the supervisory management. What are standing plans and single use plans? Briefly explain the plans discussed above, which can be classified as standing plans, by quoting the lines	6	Remembering

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Economics **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Which type of money is issued by the central bank of a country? (a) Commodity money (b) Fiduciary money (c) Fiat money (d) Token money	1	Information
2	What is meant by “demand deposits”? (a) Deposits that earn fixed interest rates (b) Deposits that can be withdrawn without prior notice (c) Deposits made for future demands (d) Deposits used to demand goods and services	1	Understanding
3	Commercial banks create credit by: (a) Holding cash in their reserves (b) Giving loans and advances (c) Depositing funds with the central bank (d) Selling bonds in the open market	1	HOT
4	What is meant by the term “liquidity”? (a) The amount of gold held by the central bank (b) The ease with which an asset can be converted into cash (c) The total deposits of commercial banks (d) The profitability of a bank	1	Interdisciplinary/HOT
5	The major difference between human capital and physical capital is that: (a) Human capital can be sold in the market (b) Human capital is intangible, while physical capital is tangible (c) Physical capital depreciates, while human capital does not (d) Human capital is not productive	1	Analytical Skill/ Interdisciplinary
6	Human capital formation contributes to economic growth by: (a) Reducing the need for investment in infrastructure (b) Enhancing productivity and innovation (c) Increasing population growth (d) Promoting import dependence	1	Critical Thinking and Problem Solving
7	Which program is specifically designed to provide employment in rural areas? (a) Pradhan Mantri Jan Dhan Yojana (PMJDY) (b) Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) (c) Digital India Program (d) Smart Cities Mission	1	Evaluation
8	Watershed development is a strategy for: (a) Developing urban waterways	1	Evaluation Skill

	(b) Conserving soil and water in rural areas (c) Promoting tourism near rivers (d) Constructing dams for hydroelectric power		
9	In the following question a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct alternative among those given below: **Assertion (A):** Education contributes to economic growth. **Reason (R):** Education confers higher earning capacity on people. **Alternatives:** (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) (b) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A) (c) Assertion (A) is true but Reason (R) is false. Assertion (A) is false but Reason (R) is true	1	Analytical Skill
10	Read the following statements carefully: **Statement 1:** Organic farming gives wide choice in production of off-season crops. **Statement 2:** Organic farming relies more on crop rotation, green manure, compost and biological pest control. In the light of the given statements, choose the correct alternative from the following: (a) Both the statements are true (b) Both the statements are false (c) Statement 1 is true and Statement 2 is false (d) Statement 2 is true and Statement 1 is false	1	Interdisciplinary/ Critical Thinking
11	Explain any three causes, which were responsible for the economic reforms.	3	Communication Skills
12	Calculate (a) Net National Product at MP **ITEMS** — **Rs. crores** a. Private final Consumption expenditure — 200 b. Net indirect taxes — 20 c. Change in stocks — (--)15 d. Net current transfers from abroad — (--)10 e. Govt. final consumption expenditure — 50 f. Consumption of fixed capital — 15 g. Net domestic capital formation — 30 h. Net factor income from abroad — 5 i. Net imports — 10	3	Critical Thinking and Problem solving
13	India has certain advantages which makes it a favourite outsourcing destination. What are these advantages? Explain any four.	4	Interdisciplinary
14	How will you treat the following while estimating domestic product of India? Give reason. a) Rent received by resident Indian from his property in Singapore. b) Salaries of Indians working in Japanese Embassy in	4	Understanding/Analyse

	India c) Profits earned by branch of American bank in India. d) Salaries paid to Koreans working in the Indian embassy in Korea		
15	"Human Capital Formation gives birth to innovation, invention and technological improvements.' Do you agree with the given statement? Support your answer with valid arguments.	4	HOT
16	State whether following is true or false. Give reason for your answer. a) Capital formation is a flow b) Bread is always a consumer good. c) Nominal GDP can never be less that real GDP d) Gross domestic capital formation is always greater than gross fixed capital formation.	6	Critical Thinking and Problem solving
17	Information Technology (IT) is playing an important role in acting as a source of sustainable living in rural areas. Elucidate.	6	Evaluation

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: History **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Part- A *Answer the following objective type questions:* (i). From which country the traveller Al-Biruni came to India in the 11th century? a) France b) Uzbekistan c) Morocco d) England (ii). Consider the following statements regarding the structure of the stupa. (1) Harmika is a balcony-like structure that represented the abode of gods. (2) A mast called the anda arose from the harmika. (3) A yashti was often surmounted by a chhatri or umbrella. (4) Yashti arose from the harmika. Which of the following statements is/are correct? (a) 1, 2 and 3 (b) 2, 3 and 4 (c) 1 and 4 (d) 1, 3 and 4 (iii). Indicate which of the following option is not correct. Al-Biruni's views about Indian society a) Sanskrit texts laid down the rules of caste system. b) Caste systems were not so rigid. c) Social divisions were unique to India. d) Caste system was laid down from the point of view of Brahmanas. (iv). The feature that not correct about Al-Biruni's book Kitab-ul-Hind. a) It is voluminous text including 80 chapters. b) It is written in Persian. c) It is written in simple and lucid manner d) It covers subjects like astronomy, alchemy, iconography, laws, metrology etc. (v). Choose the incorrect option. Bernier described the Mughal towns as Camp towns and gave various descriptions which were…… a) They grew rapidly with movement of imperial court. b) They were dependent on imperial protection. c) They rapidly declined also. d) They had distinct social and economic foundation. (vi). Consider the following statements. i. Al-Biruni was well versed in languages like Greek, Sanskrit, Hebrew, Arabic, Turkish, Persian. ii. His book Kitab-ul-Hind in simple and lucid.	**(10x1=10)**	Information

	iii. This book has 80 chapters. Which of the above statements is/are correct? a) ii and iii b) i and iii c) i and ii d) All of these (vii). Which of these rulers followed endogamy? a) Satvahanas b) Pandavas c) Mauryas d) None of these (viii). Which of the following statements is incorrect about the duties as laid down in Manusmriti for the Chandalas? a) They had to live on the outskirts of the village. b) They had to use discarded utensils. c) They were supposed to wear old clothes of the villagers and ornaments made from shells. d) It was their duty to serve as executioner and dispose of the bodies of those who had no relatives. (ix). What are 'Maktubat'? a) Variant of Urdu language b) Charitable trust c) Modes of worship d) Letters written by sufi saints (x). 'Tavaram' is the …….. a) Collection of poems in Tamil b) Biographical accounts of saints c) Wedding songs d) Worship of the form of Goddess. a) for divine happiness		
2	Part- B *Answer the following questions in short:* Write a note on the Drainage system of the Harappans.	**3**	Evaluation
3	"The conception of social pollution intrinsic to the caste system was contrary to the law of nature" Examine Al-Biruni;s statement on Indian caste system.	**3**	HOT
4	How far were the gotra rules prescribed by the Brahmans followed?	**3**	Evaluation
5	Expalin how the biography of the saint poetess Mirabai has been primarily construct. How did she defy the norms of society?	**3**	Understanding & Evaluation
6	Part- C *Long questions answers:* According to Beriner, Crown ownership of land had disastrous consequences for the state and society'' Justify the statement. Or Discuss the development in sculpture and architecture associated with the rise of Shaivism and Vaishnavism.	**8**	Understanding & HOT
7	Part-D (Sources Based Questions) Read the following extract carefully and answer the questions that follow: **A Tiger-Like Husband** This is a summary of a story from the Adi Parvan of the Mahabharata. The Pandavas had fled into the forest. They were tired and fell asleep; only Bhima, the second Pandava, renowned for his powers, was keeping watch. A man-eating rakshasa caught the scent of the Pandavas and sent his sister Hidimba to	**(2+2+1=5)**	Application and understanding

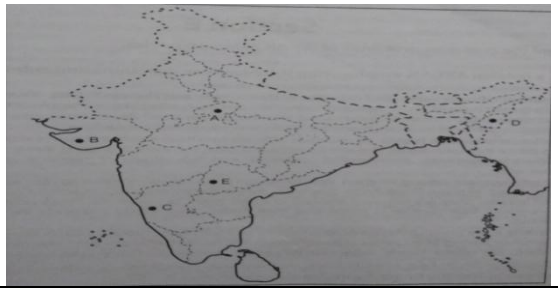
	capture them. She fell in love with Bhima, transformed herself into a lovely maiden and proposed to him. He refused. Meanwhile, the rakshasa arrived and challenged Bhima to a wrestling match. Bhima accepted the challenge and killed him. The others woke up hearing the noise. Hidimba introduced herself and declared her love for Bhima. She told Kunti, “I have forsaken my Am. friends, my dharma and my kin; and good lady, chosen your tiger-like son for my man…whether you think me a fool or your devoted servant, let me join you, great lady, with your son as my husband.” Ultimately, Yudhisthira agreed to the marriage on one condition that they would spend the day together, but that Bhima would return every night. The couple roamed all over the world during the day. In due course, Hidimba gave birth to a rakshasa boy named Ghatotkacha. Then, the mother and son left the Pandavas.Ghatotkacha promised to return to the Pandavas whenever they needed him. Some historians suggest that the term rakshasa is used to describe people whose practices differed from those laid down in Brahmanical texts. 1. Who was Hidimba? 2.Why was she sent to Pandavas and what did she do? 3.Whom does Hidimba marry?		
8	PART-E **(Map Question)** On a map of India, mark and locate the following: i. Indraprastha ii. Hastinapura iii. Sarnath iv. Thanjavur v. Ajmer	**(5x1=5)**	Identification

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Political Science **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Objective Type Questions: (i) When did India and China signed Panchsheel agreement? (a) 24 April, 1954 (b) 29 April, 1954 (c) 30 April, 1954 (d) 1 March, 1959 (ii) The foreign policy of independent India vigorously pursued the dream of a peaceful world byadvocating the policy of: (a) non-alignment (b) no nuclear weapons (c) military expansion (d) no Cold War (iii) On which model was The Planning Commission ofIndia setup? (a) Calcutta model (b) Bombay Plan (c) National Development Model (d) None of the above (iv) The UN agency concerned with the safety and peaceful use of nuclear technology is: (a) The UN Committee on Disarmament (b) International Atomic Energy Agency (c) UN International Safeguard Committee (d) None of the above (v) What is Human Right Watch? (vi) The UN was founded on ---------- . (vii) Nation building is a (a) One-dimensional approach (b) Two-dimensional approach (c) Three-dimensional approach (d) Multi-dimensional approach (viii) Kashmir's accession to India was signed by (a) Raja Hari Singh (b) Raja Karan Singh (c) Pandit Nehru (d) Sheikh Abdullah (ix) The para –military force of Hyderabad's Nizam was called (a) Infantry (b) Kabaili (c) Razakars (d) Army (x) The state Andhrapradesh was formed in (a) December 1952 (b) December 1947 (c) January 1949	**(10x1=10)**	Information

	(d)January 1950		
2	What was the aim of launching “Make in India” campaign?	**2**	Understanding
3	Explain any four issues of tension and conflicts in the former Soviet Republics.	**4**	HOT
4	What does the term ‘Syndicate’ mean in the context of the congress party of the sixties? What role did the Syndicate play in the Congress party?	**4**	HOT
5	Though the UN has failed in preventing wars and related miseries, nations prefer its continuation. What makes the UN an indispensable organisation?	**4**	Understanding
6	Read the extract carefully and answer the questions that follow: The US and soviet Union signed a number of other arms control treaties including the strategic arms limitations treaty II (SALT II) and the strategic arms reduction treaty (START). The nuclear non-proliferation treaty(NPT) of 1968 was an arms control treaty in the sense that it regulated the acquisition of nuclear weapons, those countries that had tested and manufactured nuclear weapons before 1968 were allowed to keep their weapons and those that had not done so were to give up the right to acquire them. The NPT did not abolish nuclear weapon rather it limited the number of countries that could have them. **Questions:** a) What is arms control treaty? b) Was NPT an arms control treaty? Why? c) What was institution behind regulation of NPT?	**(1+2+2=5)**	Analytical
7	In the given outline political map of India five Princely States have been marked as (A), (B), (C), (D) and (E). Identify these Princely States on the map and match with the asked one. i. Junagarh ii. Mysore iii. Manipur iv. Gwalior v. Hyderabad 	**(1+1+3=5)**	Analytical
8	Identify the contentious issues between China and India. How could these be resolved for greater cooperation? Give your suggestions. Or Does India’s foreign policy reflect her desire to be an important regional power? Argue your case with the Bangladesh War of 1971 as an example.	**6**	HOT

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Physical Education **Assignment No. : 4**

Allotment Date: 12 September 2024

S. No.	QUESTIONS	MARKS	NATURE
Part- A	**Answer the following questions:**	**4X2=8**	
1.	The Female Athlete Triad includes all of the following components except: A) Disordered eating B) Bone fractures C) Amenorrhea D) Osteoporosis	2	Understanding
2.	Which of the following is a benefit of participating in sports for children? A) Decreased social skills B) Increased risk of injuries C) Improved self-esteem D) Decreased physical fitness	2	Understanding
3.	The term 'CWSN' stands for: A) Children with Serious Needs B) Children with Special Needs C) Children with Selective Needs D) Children with Sensitive Needs	2	Knowledge
4.	The main function of carbohydrates in the body is: A) Energy production B) Muscle growth C) Hormone regulation D) Water balance	2	Knowledge
Part- B	**Answer thefollowing questions in 60 to 90 words:**	**4X3=12**	
1.	Explain the concept of 'tournament' and list two types of tournaments.	3	Understanding
2.	Explain the role of proteins in sports performance.	3	Application
3.	Mention two asanas that help in improving flexibility and describe their benefits.	3	Understanding
4.	What are the objectives of intramural and extramural activities?	3	Understanding
Part- C	**Answer the following questions in 150 to 180 words**	**4X5=20**	
1.	Explain the concept of inclusion in sports for CWSN.	5	Understanding
2.	Explain the significance of role models in promoting women’s participation in sports.	5	Understanding
3.	What are the main features of the Paralympics?	5	Knowledge
4.	List two common sports injuries in children and suggest ways to prevent them.	5	Analytical

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Psychology **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	Questions	MARKS	NATURE
1	Sangeeta is a counselor. She interacts with the client and seek information from the client on one to one basis. She is using----as a method of assessment. (a) Interview (b) self report (c) psychological test (d) none of the above	1	Information
2	Suresh endures personal stresses due to noisy surrounding, commuting, water shortage and traffic snarls. These stresses can be reported as------- (a) life events (b) everyday hassles (c) case study (d) none of the above	1	Information
3	Ritika stress level was good for her and enhanced her performance. The term used to describe her level of stress (a) eustress (b) distress (c) stress (d) None of the above	1	Knowledge
4	-----may occur between two and more incompatible needs and motives. (a) frustration (b) stress (c) conflicts (d) social pressure	1	Knowledge
5	Deepak has been diagnosed with schizophrenia. When he was given the news of the death of his close family member, he did not show any emotional at all this symptom is called--- (a) alogia (b) blunted affect (C) flat affect (d) observation	1	Information
6	Which type of research design involves both cross-section and longitudinal approaches? (a) experimental (b) observational (c) sequential (d) case study	1	Understanding
7	Which ethical principal emphasizes the importance of minimizing benefits to participants in a study? (a)deception	1	Understanding

	(b) confidentiality (c) beneficence (d) autonomy		
8.	The---- of an attitude indicates how positive or negative an attitude is? (a) valence (b) complexity (C) centrality (D) extremeness	1	Information
9	Which type of research method involves watching and recording behavior without interfering? (a) survey (b) observational (C) Repression (d) Regression	1	Knowledge
10.	In a recherché study, the dependent variable (a) manipulated by the researcher (b) manipulated by the participant (C)the variable being observed (D) confounding	1	Information
11	What are the therapeutic alliances?	2	Understanding
12	Explain the term empathy?	2	Understanding
13	What is is cognitive behaviour therapy?	2	Information
14	What is validity?	2	Information
15	Describe the rehabilitation of the mentally ill.?	3	Critical thinking
16	Differentiate between interview and questionnaire?	3	Critical thinking
17	What do you mean by transference neurosis? Describe its types.	3	Information
18	How does rationale motive therapy help in reducing distress ? support your answer with the help of an example	3	Understanding
19	Discuss the various techniques used in behaviour therapy?	6	Critical thinking
	Gordon allport is considered the pioneer of trait approach. He proposed that individuals posses a number of traits, which are dynamic in nature. They determine behavior in such a manner that an individual approaches different situation with similar plan. The traits integrate stimuli and response which otherwise look dissimilar. Allport argued that the word people a basses for understanding human psychology. He analyzed the words of the English language to look for traits which describe a person Allport based on this categorized traits into cardinal central and secondary. Cardinal trails are highly generalized dispositions. The indicate the goal around which a person entire life seems to revolveb mahatma gandi non violence and hitler Nazism are examples of cardinal traits		
20	What are trait theories?	2	Critical thinking
21	Define Allport trait theory?	2	Critical thinking

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Painting **Assignment No. : 4**

Allotment Date: 12 September 2024

S. No.	QUESTIONS	Marks
Q.1	Section: First Choose The Correct Answer: a. Name any one illustration done by Devidasa- (a) RasManjari Series in 1600 A.D. (b) RasManjari Series in 1694 A.D. (c) GeetGovinda Series 1694 A.D. (d) Barhmasa Series in 1451 A.D. b. Who commisioned the work of Dastan-E- Amir Hamza? (a) Shajhan (b) Babur (c) Akbar (d) Humayun c. Who is known as Raphel of the East? (a) Bihazd (b) UstaadMansoor (c) Maula Ram (d) Nihal Chand d. What is Hamzanama? (a) The translated and illustrated version of the Ramayana. (b) An illustrated account of the heroic deads of Hamza, the uncle of Prophet Muhammad. (c) The translated and illustrated version of the Mahabharata. (d) An illustrated account of the life and teachings of Prophet Muhammad e. What typesof topics were during Basohli School? (a) Tutinama (b) Ragmala (c) Arabian Nights (d)Shahanama f. TiraSujanpur, AlampurandNadaum are the main centers of---------- Kalam. (a) Kangra (b) Guler (c) Basholi (d) Mankot	1x6= 6
Q.2	Section : Second Evaluate the compositional arrangement of the following in short: a. Krishna with Gopies. b. Kabir&Raidas. c. Falcon on a Bird rest.	2x3= 6
Q.3	Section : Third Appreciate the Paintings of Pahari School/ and based on- (I) Artist Name(II) Medium (III) Subject Matter (IV) Composition a. Nand, Yashoda and Krishna with Kinsmen going to Vrindavana. b. Krishna Lifting Mount Govardhana	3x2= 6
Q.4	Section : Fourth Write a brief note on any one of the following: a. The main characteristics of Pahari School of Art.	6x1= 6

	b. Describe main features of Mughal School of Art.	
Q.5	Section : Fifth Write origin and development of Mughal School of Miniature painting.	6x1= 6

ARMY PUBLIC SCHOOL GWALIOR
CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: NCC **Assignment No. : 4**

Allotment Date: 12 September 2024

S. NO.	QUESTIONS	MARKS	NATURE
1	Which of the following problems is not considered or confronted by the National Integration Council? a) Linguism b) Casteism c) Cyber-security threat d) Threat of regional violence	1	Knowledge
2	When was the National Integration Council constituted? a) 1947 b) 1950 c) 1962 d) 2010	1	Knowledge
3	Which personality trait is most important for effective leadership? a) Arrogance b) Confidence c) Indifference d) Passivity	1	Knowledge
4	What is the purpose of the drill? a) Losing weight b) Learning hindi c) Wearing smarts and correcting turnout d) Table learning	1	Knowledge
5	The length of the step in a fast speed in- a) 40 Inches b) 30 inchs c) 35 inches d) None of these	1	Knowledge
6	The primary function of the Armed Forces is to: a) Promote education b)Defend the country c)Organize sports events d)Manage government policies	1	Knowledge
7	Which of the following is a hindu scripture a) vedas b) purana c) guru granthshahib d) bible	1	Knowledge
8	Two or more people together achieve a common thing, it is called? a) Dialash b) Group c) Interaction d) Project	1	Knowledge

9	Where did the drill start? a) India b) Germany c) Africa d) Japan	1	Knowledge
10	Who is given the national salute? a) Major b) General c) President and governor of India d) Chief of army staff	1	Knowledge
11	What are the two parts of a word of command?	2	Understanding
12	What role did religion play in ancient and medieval times?	2	Understanding
13	What is the importance of a well sized squad?	3	Analyzing
14	What are the main objectives of Personality Development in NCC?	3	Analyzing
15	What was the influence of Dravidian race on the Indian worship methods?	4	Application
16	Explain the concept of 'Map Reading' and its significance in field operations.	4	Application
17	List two benefits of learning 'Battle Craft' for NCC cadets	6	Remembering
18	Describe the role of safety measures in weapon training.	6	Remembering

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CLASS - XII
ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Health and Physical Education **Assignment No. : 4**

Allotment Date: 12 September 2024

S.NO.	QUESTIONS	NATURE	MARKS
1	MCQ A) Who won the first title Asian Kabaddi Championship? i. India ii. Pakistan iii. Bangladesh iv. Japan	Understanding)	5×1=5
	B) In which year kho-kho featured in Asian Games? i. 1980 ii. 1982 iii. 1986 iv. 1990	Informatory	
	C) Penalties are thrown from what distance? i. 9 m ii. 7m iii. 4m iv. 11m	Analytical	
	D) How many players from each team are allowed to be on the field? i. 7 ii. 5 iii. 6 iv. 8	Informatory	
	E) In which year was the first FIFA world Cup held? i. 1904 ii. 1930 iii. 1950 iv. 1970	Understanding	
2.	Fill in the blanks: - Kabaddi is basically a combative sport, with ____ players on each side.	Informatory	3X1=3
	Players may only take_____ steps after catching the Handball.	Understanding	
	In football scoring goals or points by moving the ball to an opposing team's end of the field and either into a goal area, or over a _____.	Understanding	
3.	True or false: - There are 11 players in each team in a Kabaddi match.	Understanding	2 X1= 2
	Violations mean a free shot is taken. (Handball)	Understanding	

ARMY PUBLIC SCHOOL GWALIOR
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ACADEMIC SESSION 2024-25
REVISION WORKSHEET (SELF –ASSESSMENT)

Subject: Computer Science **Assignment No. : 4**

Allotment Date: 12 September 2024

Q No.	Questions Section-A (11 Marks)	Marks
1	What are some reasons behind using a network over stand-alone computers? a) Increased security - user access to the network is controlled b) Data transfer can be controlled c) Sharing resources and devices d) Centralisation of data	1
2	Network in which every computer is capable of playing the role of a client, or a server or both at same time is called a) peer-to-peer network b) local area network c) dedicated server network d) wide area network	1
3	What is a server in a computer network ? a) Someone who manages the network b) The name for a large number of computer cables c) A powerful computer that provides a service, such as centralised file storage d) A software running on one of the network computers	1
4	In peer-to-peer network, each computer in a network is referred as a) server b) client c) peer d) sender	1
5	Which of these statements is/are TRUE about a LAN ? a) A LAN connects computers in a small area such as an office b) A modem is needed to connect a computer to a LAN c) A LAN consists of only one computer d) A LAN can have geographical area up to 1 km	1
6	Which of the following networks is LEAST likely to be a WAN ? a) The Internet b) A school network c) A network of ATMs d) A network of lab computers of a testing lab	1
7	Pick from the situations below where you would pick WLAN over a LAN	1

	a) Devices to be linked are mobile devices like laptops and smartphones spread over a large geographical area b) Connecting devices keep moving from cities to countries c) Devices to be linked are stationed within a small secluded place inside a city d) Expenses to setup a network are limited	
8	Pick from the situations below where you would pick LAN over a WLAN a) Devices to be linked are mobile devices like laptops and smartphones spread over a large geographical area b) Connecting devices keep moving from cities to countries c) Devices to be linked are stationed within a small secluded place inside a city d) Expenses to setup a network are limited	1
9	Pick from the situations below where you would pick PAN over a WLAN a) Devices to be linked are mobile devices like laptops and smartphones spread over a large geographical area b) Connecting devices are confined within a room c) Connecting devices are within the range of same Wifi d) Expenses to setup a network are limited	1
10	Which switching method offers a dedicated transmission channel ? a) Packet switching b) Circuit switching c) Message switching d) None of these	1
11	The packets in ..... are independently sent, meaning that they can take different paths through the network to reach their intended destination. a) Packet switching b) Circuit switching c) Message switching d) None of these	1
Q No.	**Questions** **Section-B (8 Marks)**	**Marks**
12	What is a network? What are its goals and applications?	2
13	Briefly explain how Internet evolved.	2
14	Write a short note on ARPAnet.	2
15	How does Internet work?	2
Q No.	**Questions** **Section-C (12 Marks)**	**Marks**
16	Write a short note on InterSpace.	3
17	What is a network? What are necessary network elements?	3
18	How is circuit switching different from message switching?	3
19	How does transmission take place across networks?	3
S No.	**Questions** **Section-D (4 Marks)**	**Marks**
20	What are communication channels? Discuss various communication	4

	channels available for networks.	
21	Write some advantages and disadvantages of optical fibres.	5